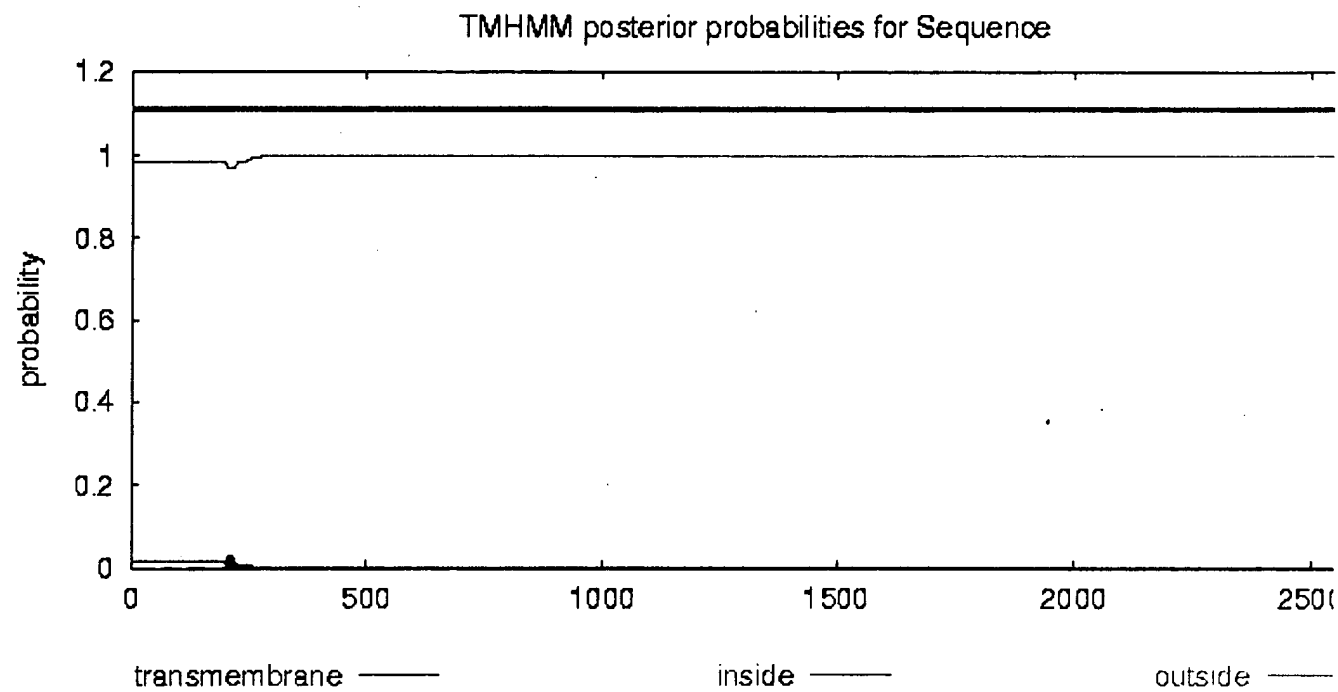


# TMHMM result

# Sequence Length: 2644  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.98352000000000000000000000000003  
# Sequence Exp number, first 60 AAs: 0  
# Sequence Total prob of N-in: 0.01582  
Sequence TMHMM2.0 outside 1 2644



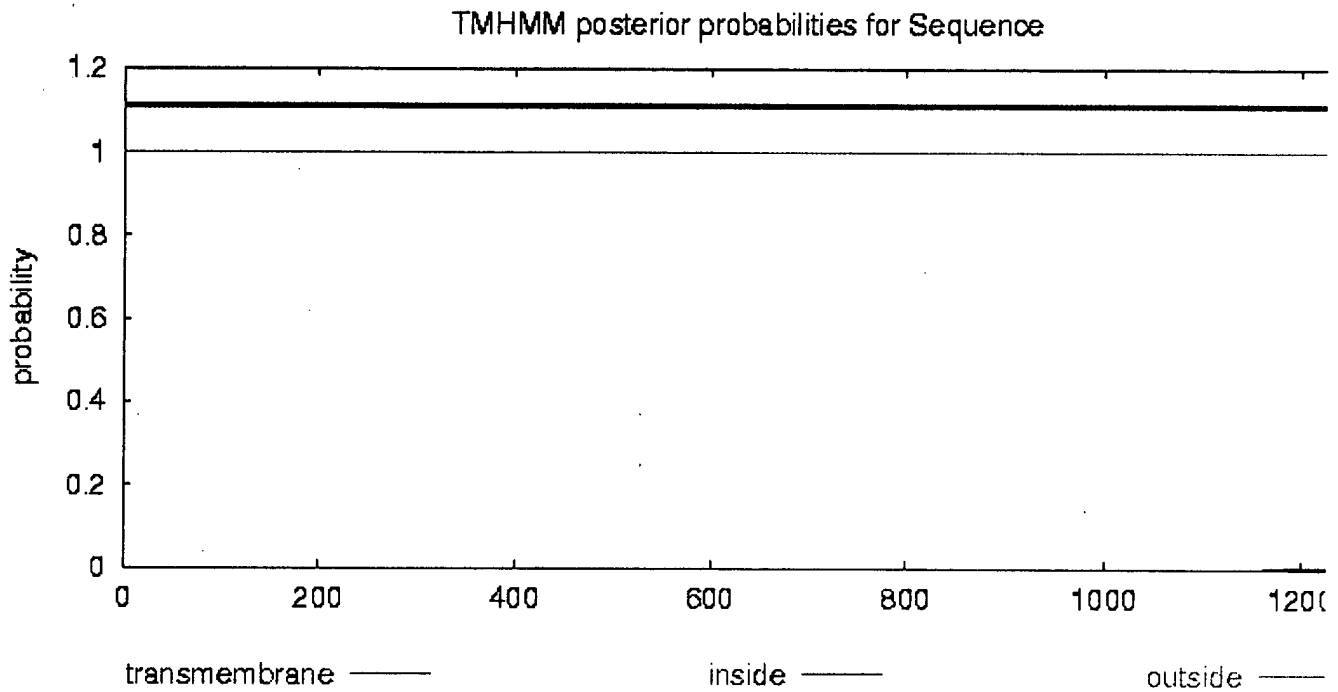
# plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 1

## TMHMM result

---

```
# Sequence Length: 1271
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.04016
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00000
Sequence      TMHMM2.0      outside      1 1271
```



# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

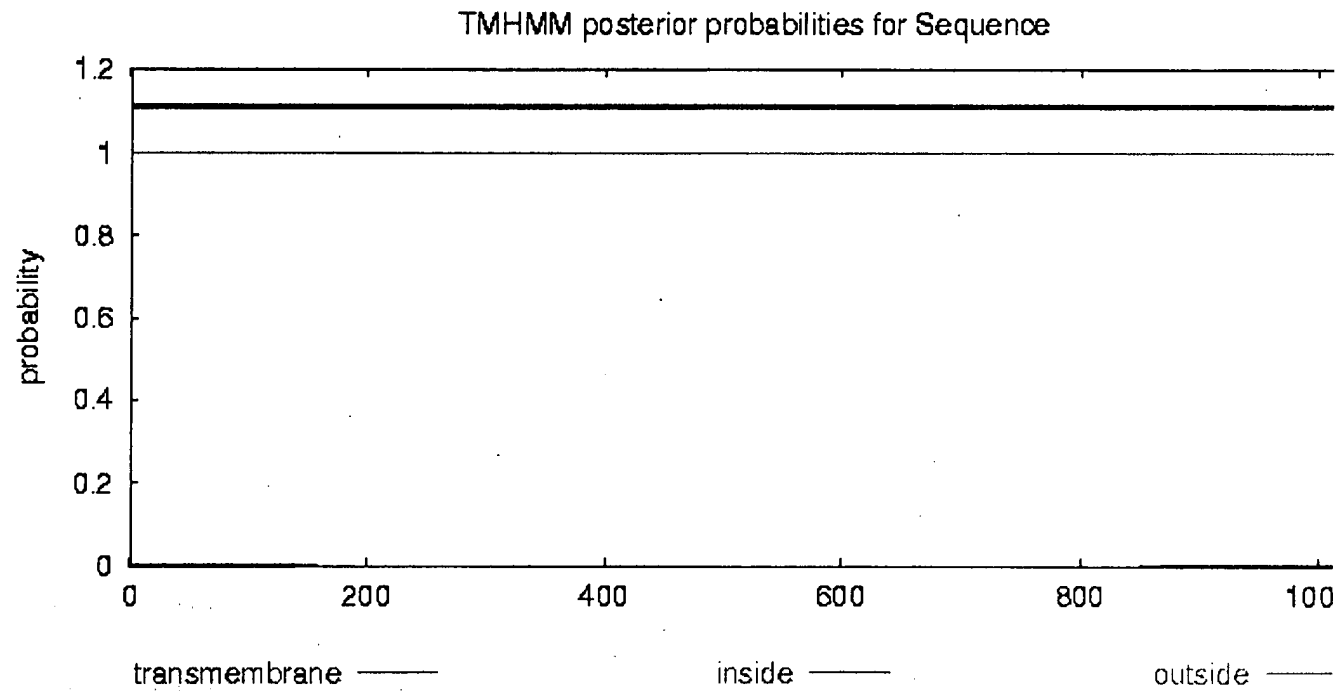
---

**FIG. 2**

# TMHMM result

---

```
# Sequence Length: 1050
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.02718
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00036
Sequence      TMHMM2.0      outside      1 1050
```



# plot in postscript, script for making the plot in gnuplot, data for plot

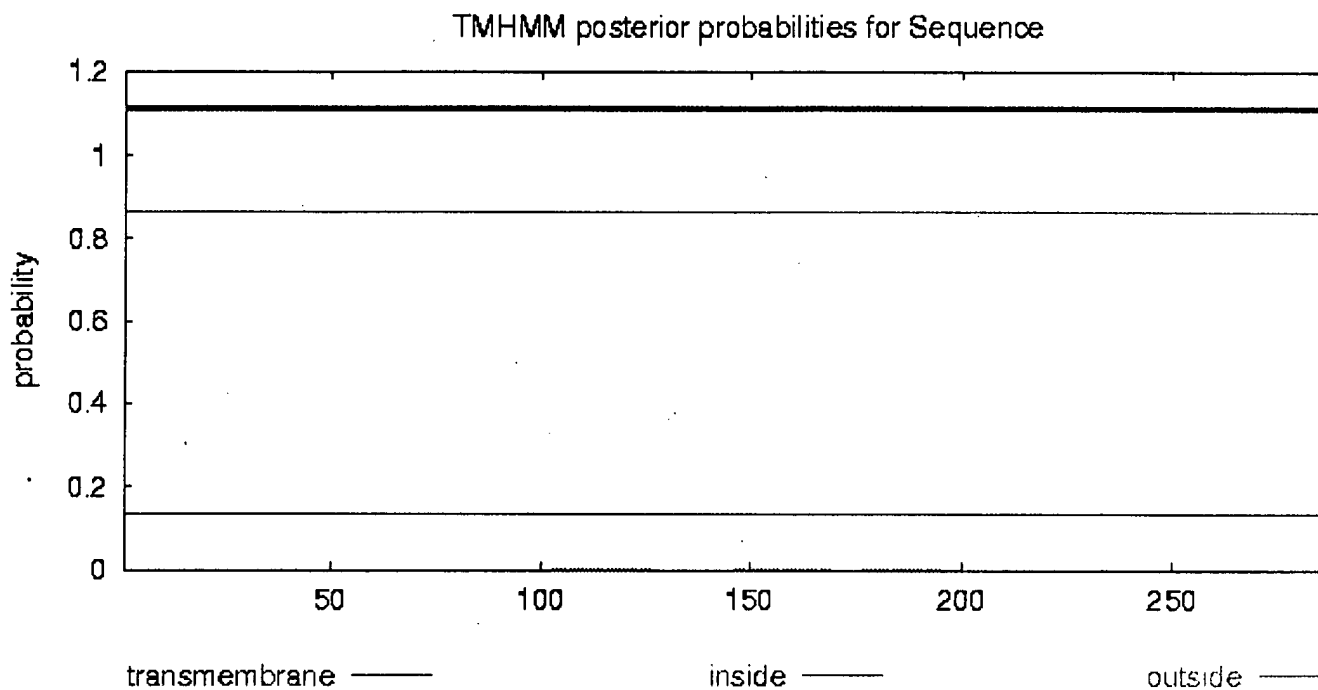
---

FIG. 3

## TMHMM result

---

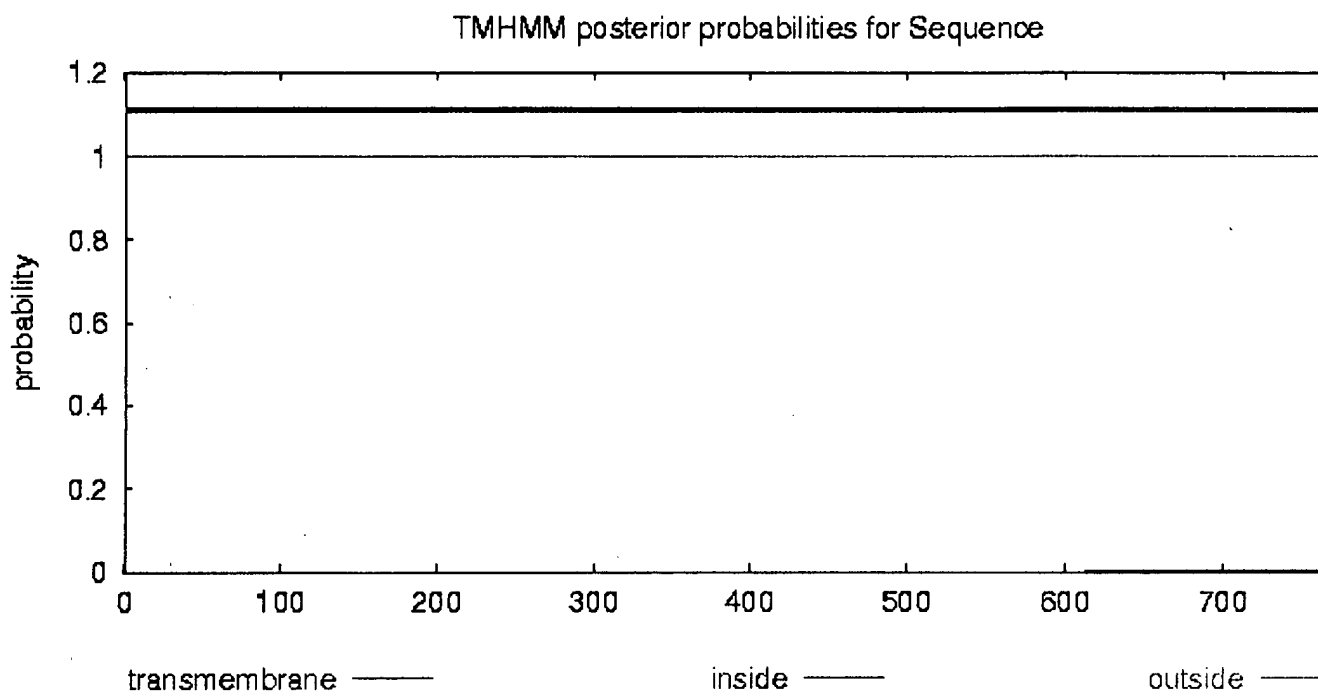
```
# Sequence Length: 297
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.03228
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.13505
Sequence      TMHMM2.0      outside      1      297
```



# plot in postscript, script for making the plot in gnuplot, data for plot

---

**FIG. 4**

[illegible]

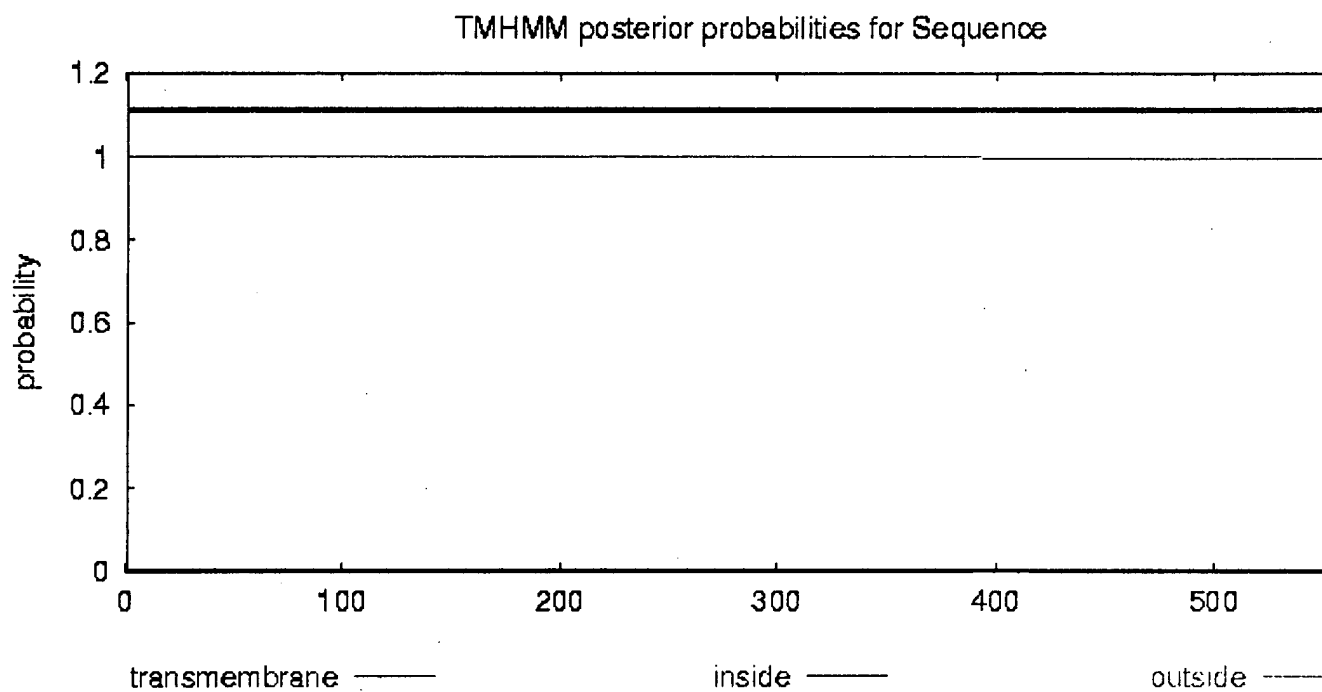
```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

FIG. 5

## TMHMM result

---

# Sequence Length: 574  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.07423  
# Sequence Exp number, first 60 AAs: 0  
# Sequence Total prob of N-in: 0.00057  
Sequence TMHMM2.0 outside 1 574



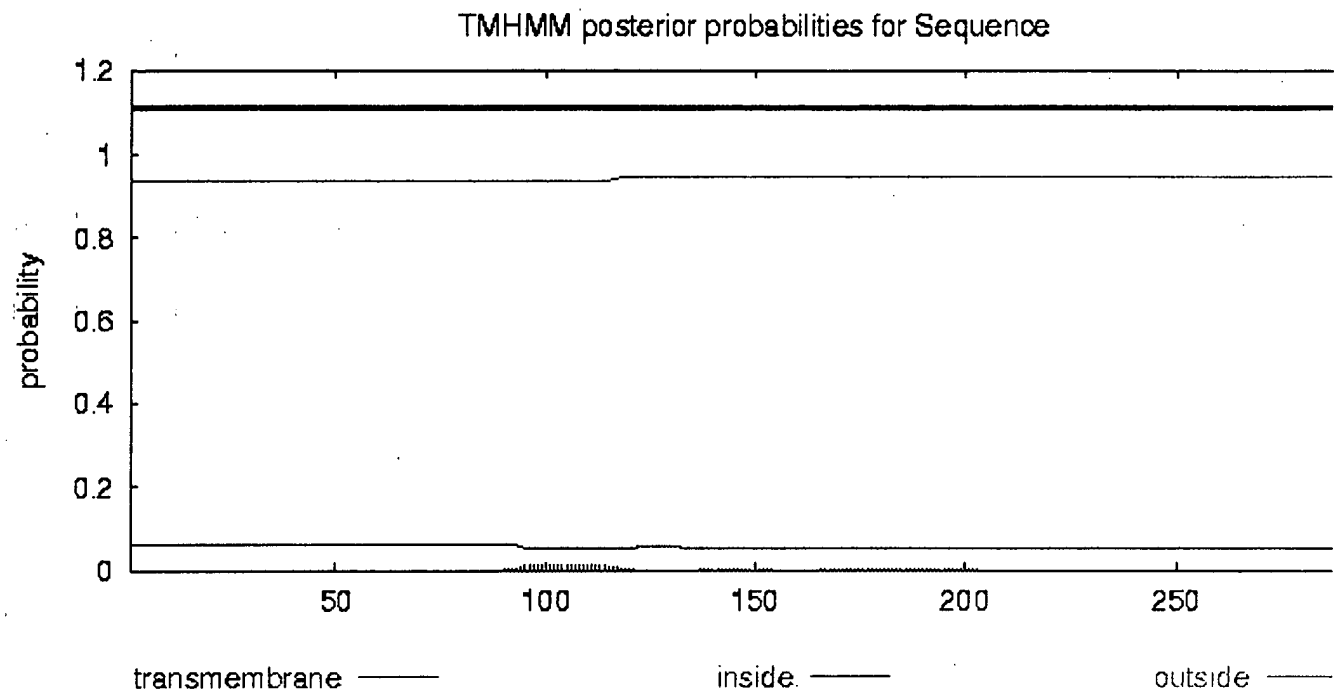
# plot in postscript, script for making the plot in gnuplot, data for plot

---

**FIG. 6**

# TMHMM result

# Sequence Length: 298  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.35769  
# Sequence Exp number, first 60 AAs: 0  
# Sequence Total prob of N-in: 0.06183  
Sequence TMHMM2.0 outside 1 298



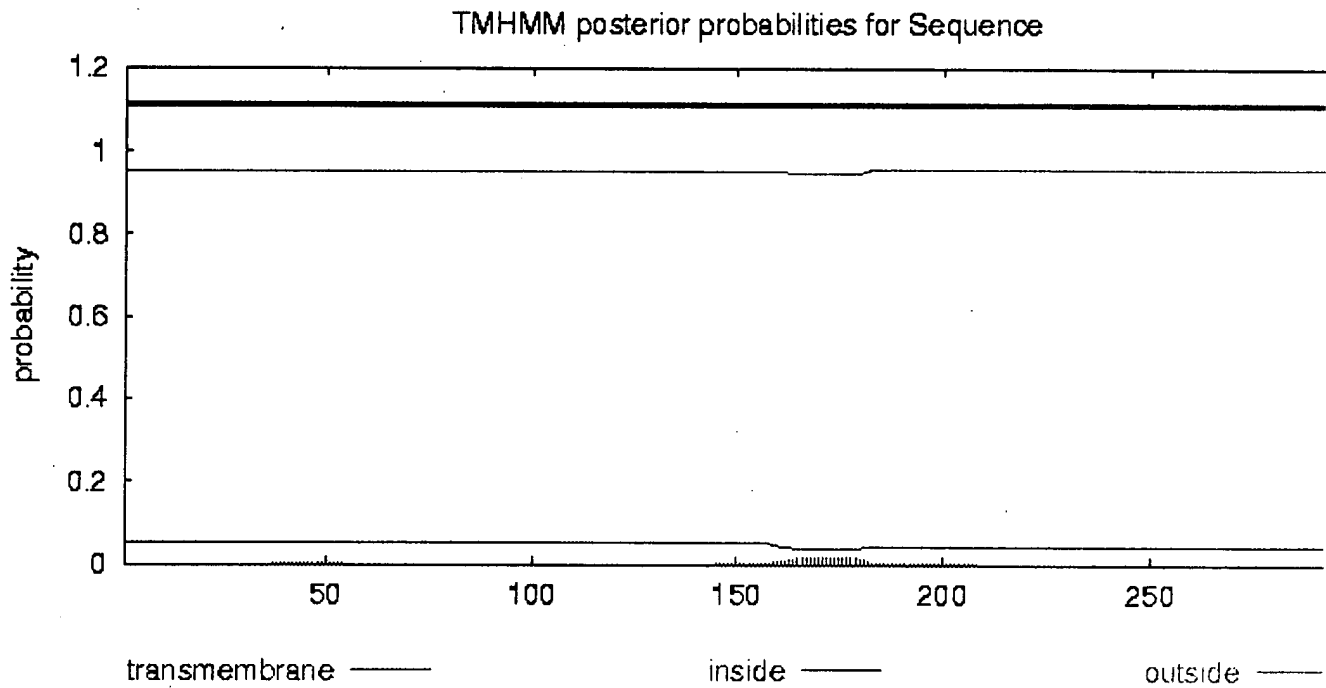
# plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 7

## TMHMM result

---

```
# Sequence Length: 303
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.37755
# Sequence Exp number, first 60 AAs: 0.00576
# Sequence Total prob of N-in: 0.04943
Sequence      TMHMM2.0      outside      1      303
```



# plot in postscript, script for making the plot in gnuplot, data for plot

---

**FIG. 8**



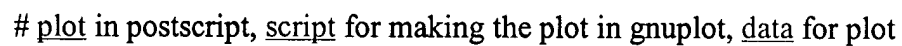
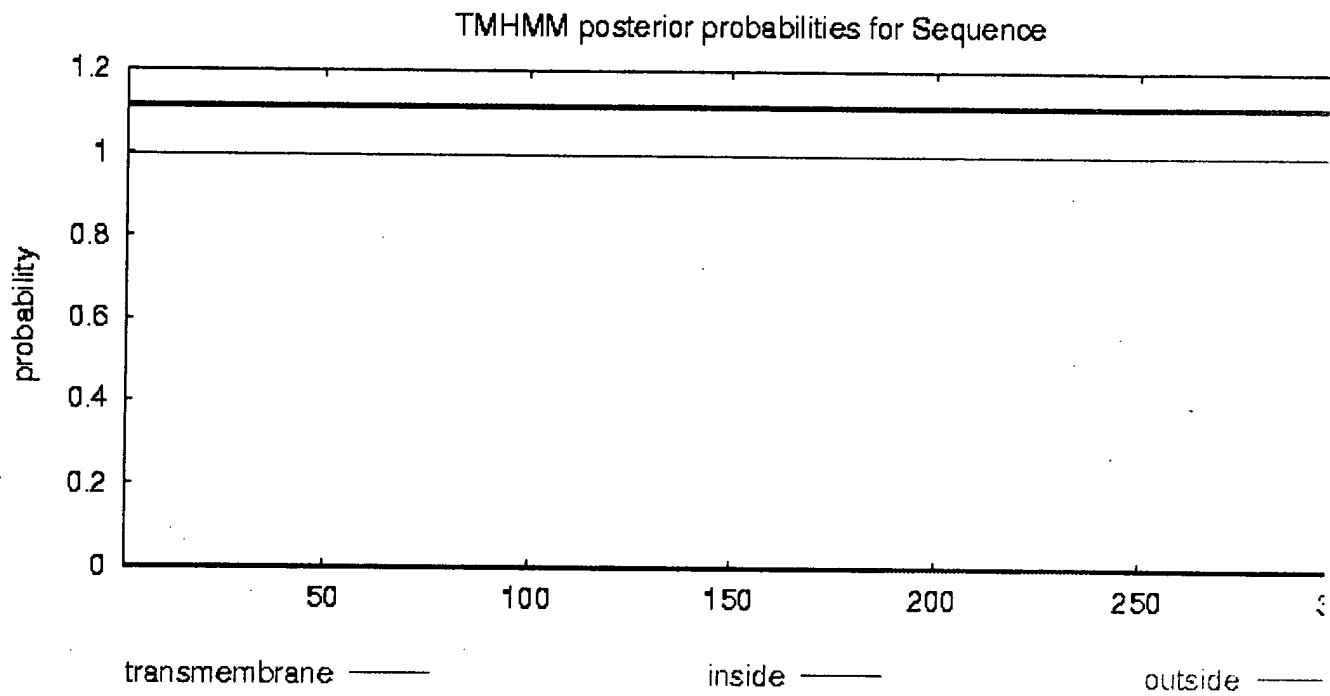
[illegible]

FIG. 9

TMHMM result

# Sequence Length: 307  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.01188  
# Sequence Exp number, first 60 AAs: 0.00108  
# Sequence Total prob of N-in: 0.00408  
Sequence TMHMM2.0 outside 1 307



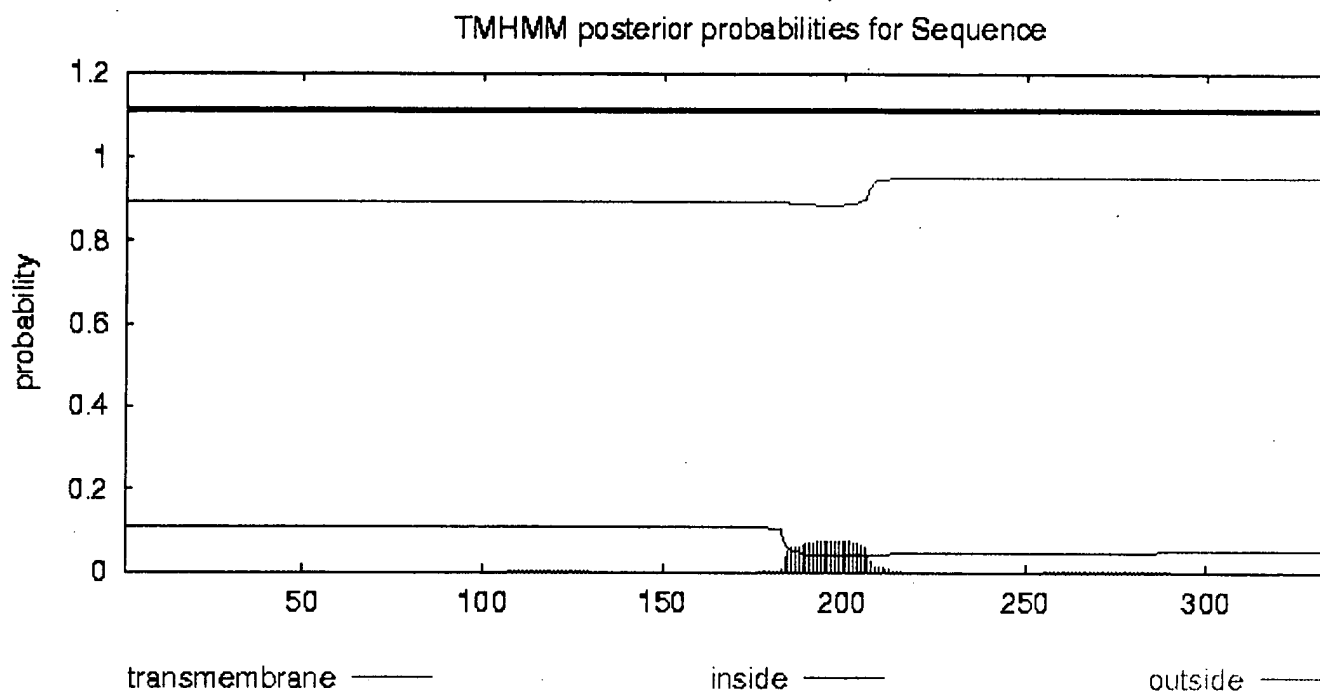
# plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 10

## TMHMM result

---

```
# Sequence Length: 346
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 1.78207
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.10854
Sequence      TMHMM2.0      outside      1      346
```



# plot in postscript, script for making the plot in gnuplot, data for plot

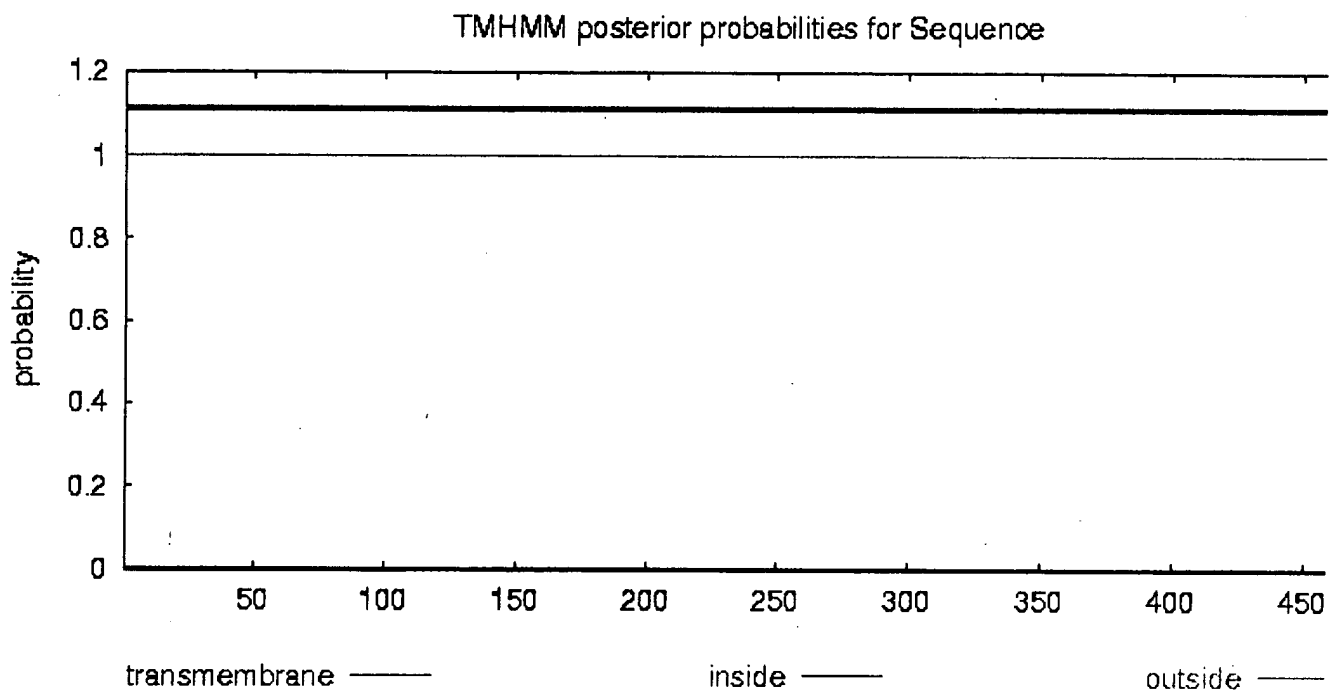
---

**FIG. 11**

## TMHMM result

---

```
# Sequence Length: 476
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01952
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00199
Sequence      TMHMM2.0      outside      1      476
```



# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

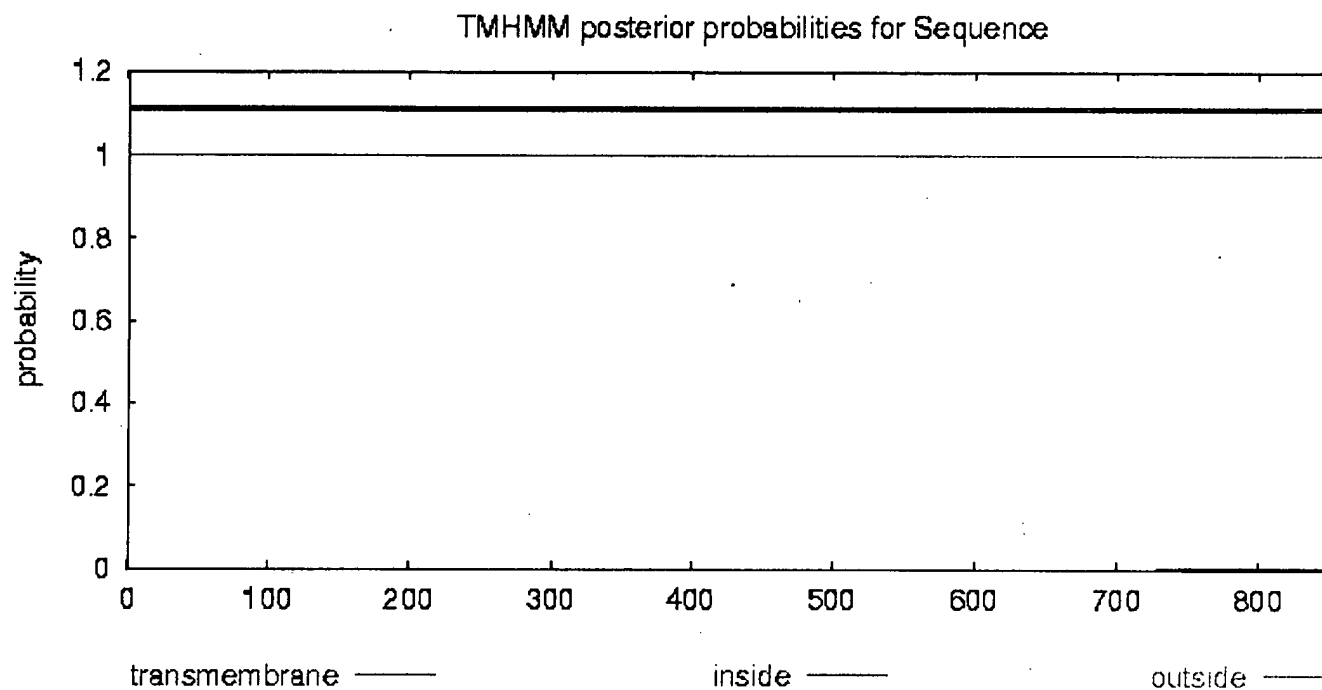
---

**FIG. 12**

## TMHMM result

---

```
# Sequence Length: 883
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00884
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00009
Sequence      TMHMM2.0      outside      1      883
```



# plot in postscript, script for making the plot in gnuplot, data for plot

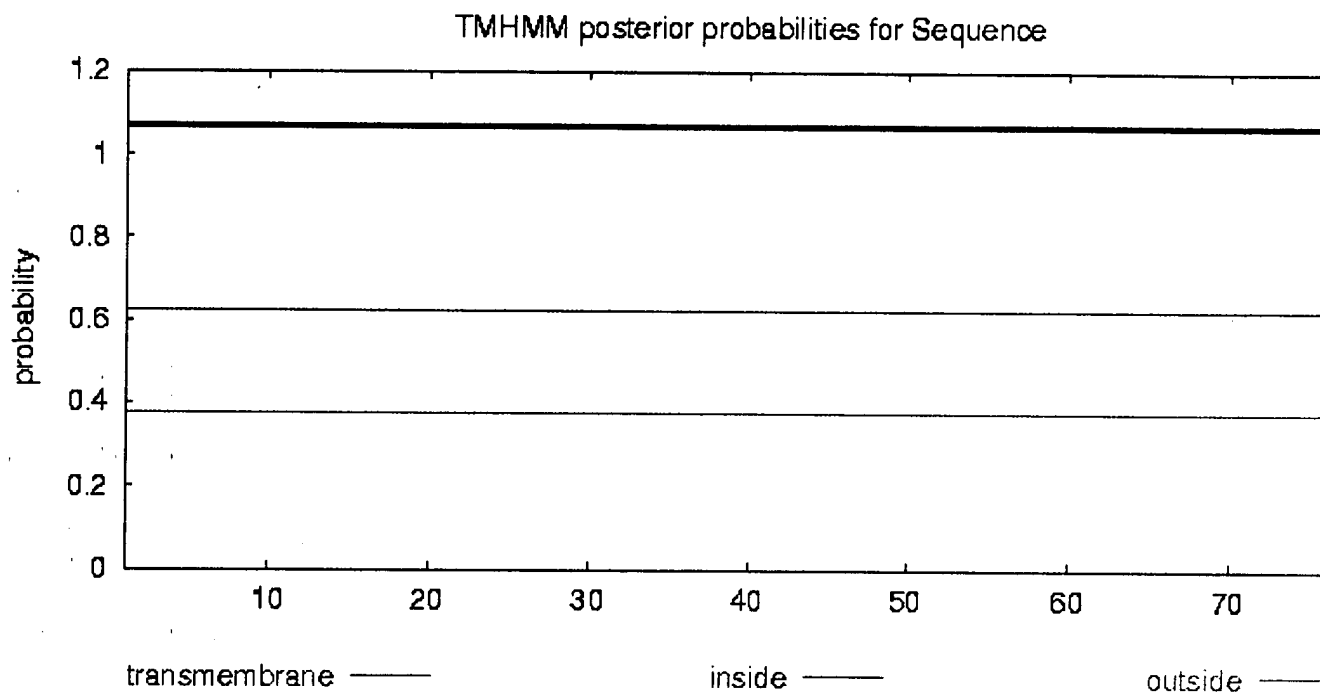
---

**FIG. 13**

## TMHMM result

---

```
# Sequence Length: 79
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00144
# Sequence Exp number, first 60 AAs: 0.00086
# Sequence Total prob of N-in: 0.62408
Sequence      TMHMM2.0      inside      1      79
```



# plot in postscript, script for making the plot in gnuplot, data for plot

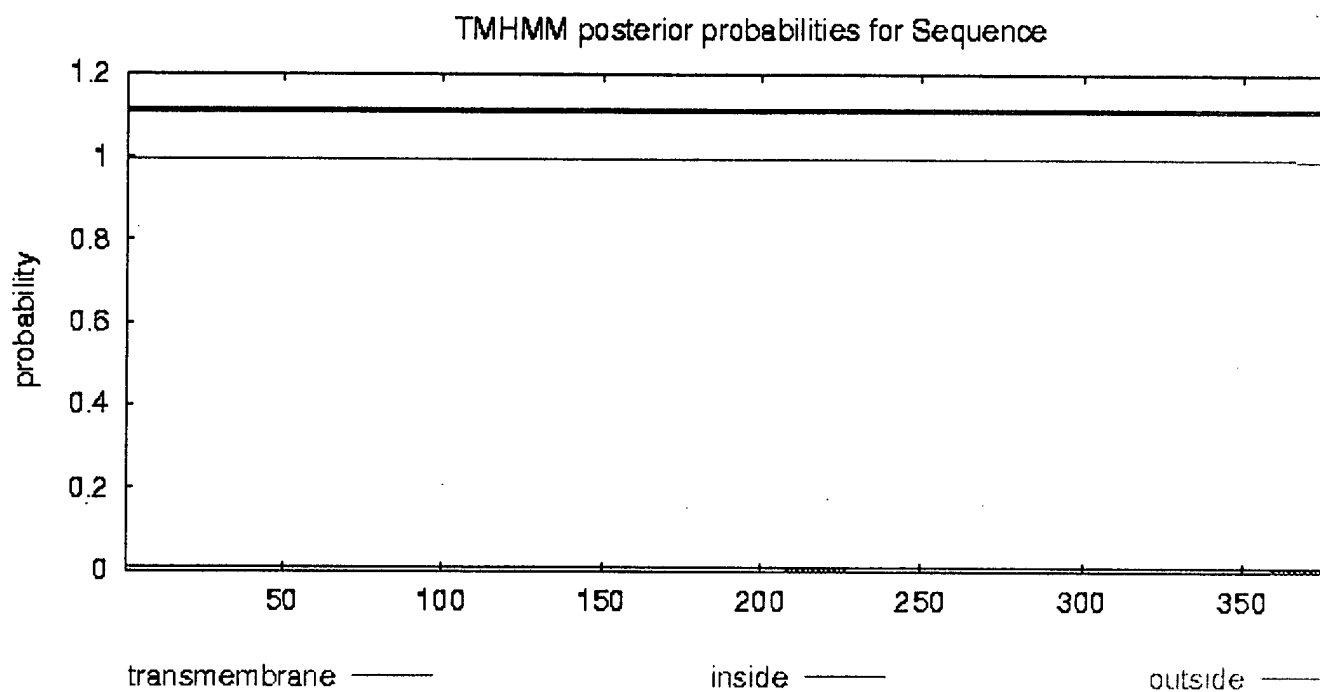
---

**FIG. 14**

## TMHMM result

---

```
# Sequence Length: 391
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.04215
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00646
Sequence      TMHMM2.0      outside      1      391
```



# plot in postscript, script for making the plot in gnuplot, data for plot

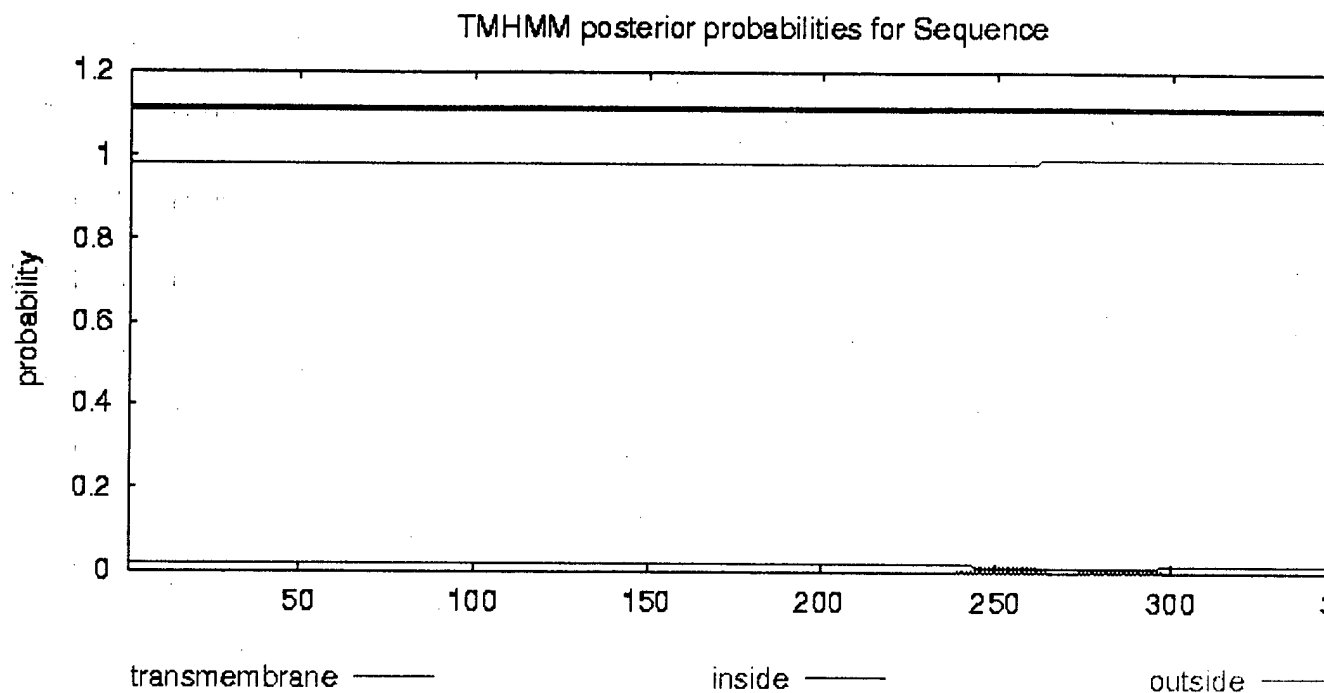
---

**FIG. 15**

## TMHMM result

---

```
# Sequence Length: 358
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.25958
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01875
Sequence      TMHMM2.0      outside      1      358
```



# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

---

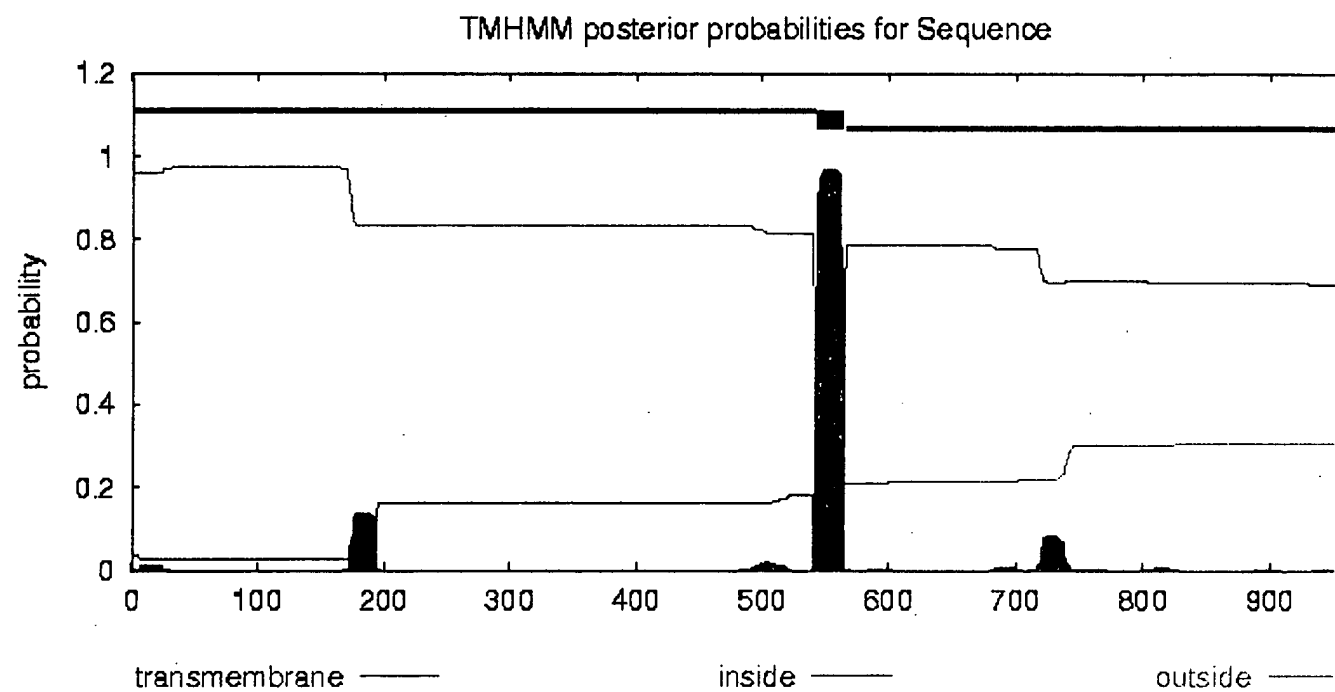
**FIG. 16**



# TMHMM result

# Sequence Length: 987  
# Sequence Number of predicted TMHs: 1  
# Sequence Exp number of AAs in TMHs: 27.57567  
# Sequence Exp number, first 60 AAs: 0.24935  
# Sequence Total prob of N-in: 0.03880

|          |          |         |     |     |
|----------|----------|---------|-----|-----|
| Sequence | TMHMM2.0 | outside | 1   | 542 |
| Sequence | TMHMM2.0 | TMhelix | 543 | 565 |
| Sequence | TMHMM2.0 | inside  | 566 | 987 |



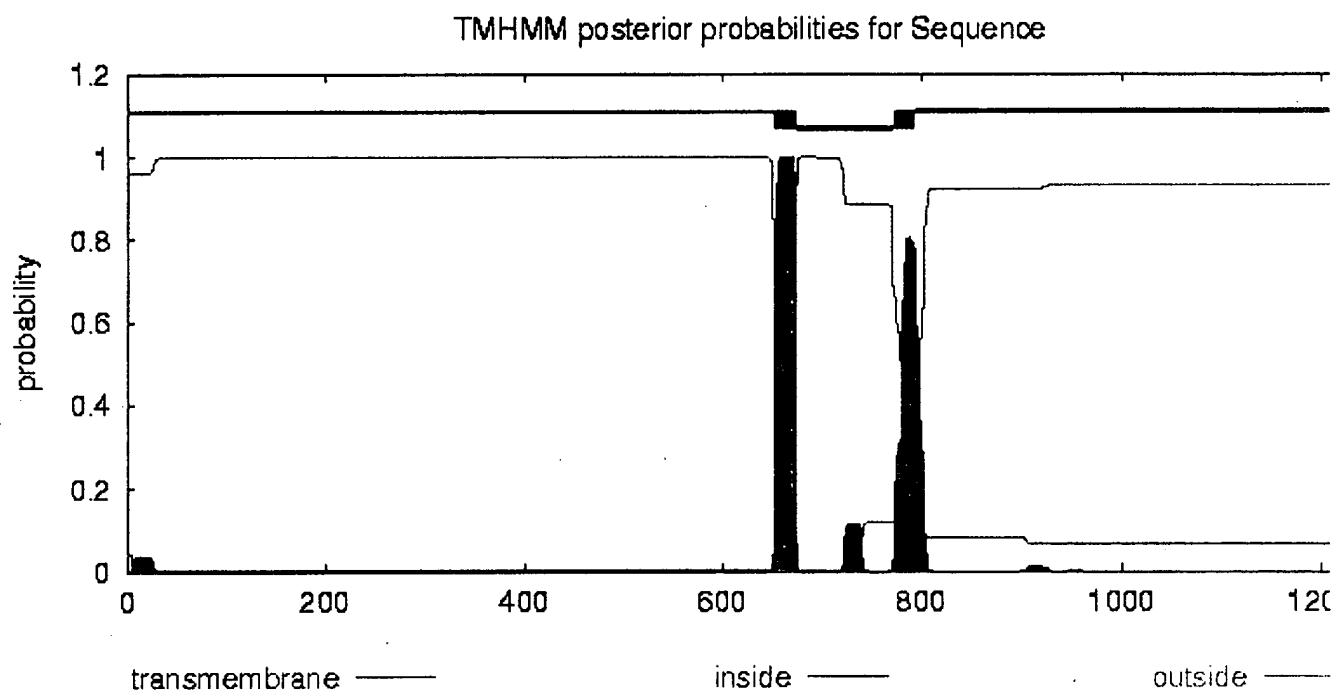
# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

FIG. 17

## TMHMM result

---

```
# Sequence Length: 1255
# Sequence Number of predicted TMHs: 2
# Sequence Exp number of AAs in TMHs: 43.43411
# Sequence Exp number, first 60 AAs: 0.81618
# Sequence Total prob of N-in: 0.03937
Sequence      TMHMM2.0      outside      1      652
Sequence      TMHMM2.0      TMhelix      653      675
Sequence      TMHMM2.0      inside      676      771
Sequence      TMHMM2.0      TMhelix      772      794
Sequence      TMHMM2.0      outside      795      1255
```



# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

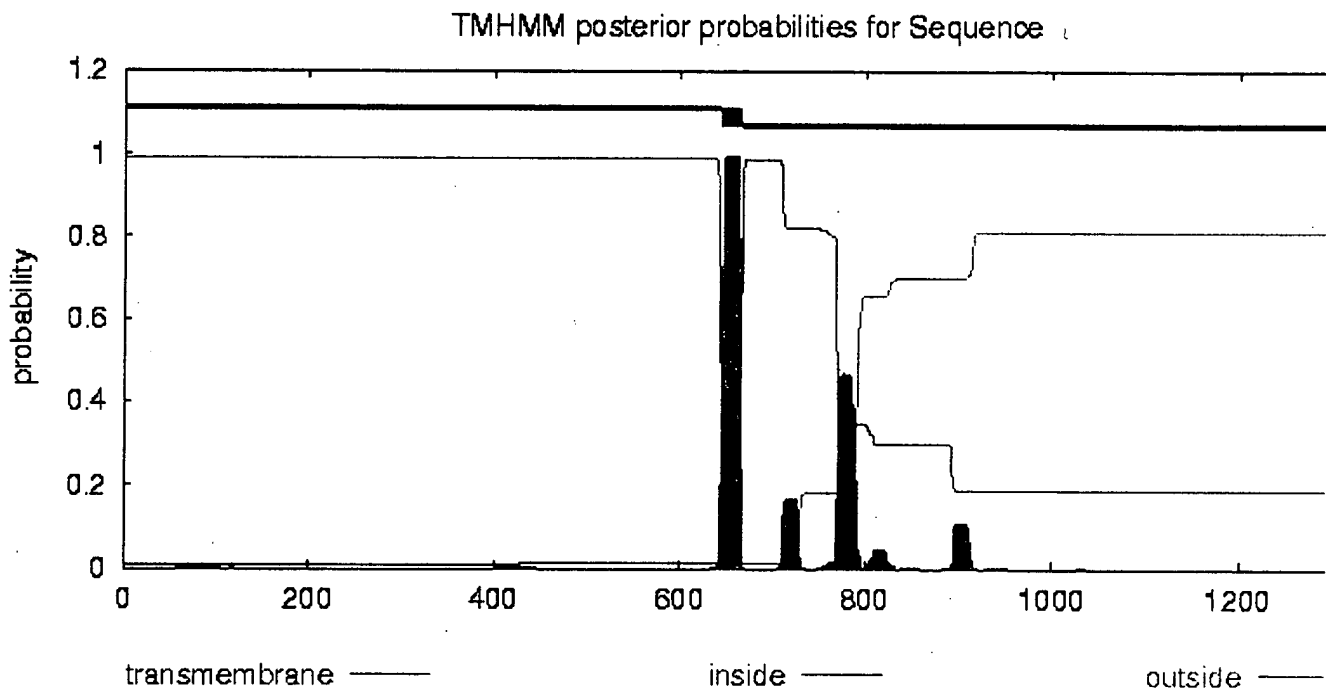
---

**FIG. 18**

## TMHMM result

---

```
# Sequence Length: 1342
# Sequence Number of predicted TMHs: 1
# Sequence Exp number of AAs in TMHs: 39.42148
# Sequence Exp number, first 60 AAs: 0.003
# Sequence Total prob of N-in: 0.00926
Sequence      TMHMM2.0      outside      1      643
Sequence      TMHMM2.0      TMhelix      644      666
Sequence      TMHMM2.0      inside      667      1342
```



---

# plot in postscript, script for making the plot in gnuplot, data for plot

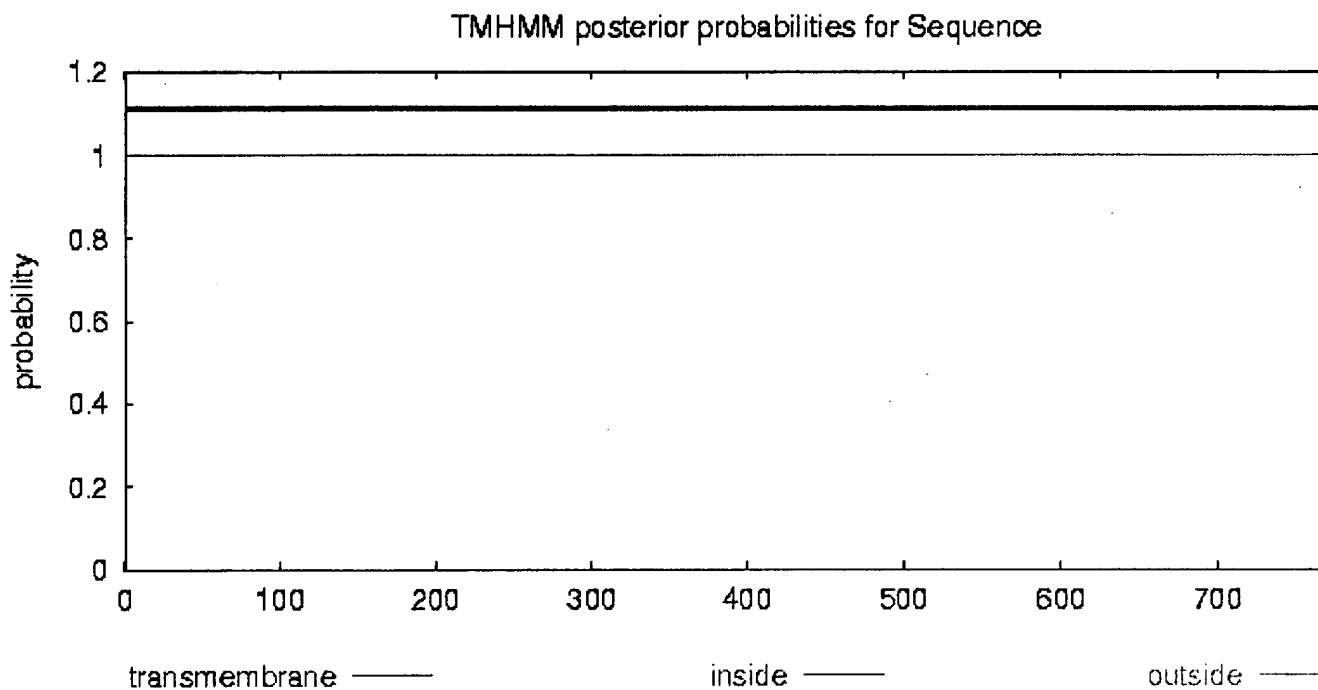
---

**FIG. 19**

## TMHMM result

---

```
# Sequence Length: 798
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00254
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00002
Sequence      TMHMM2.0      outside      1      798
```



# plot in postscript, script for making the plot in gnuplot, data for plot

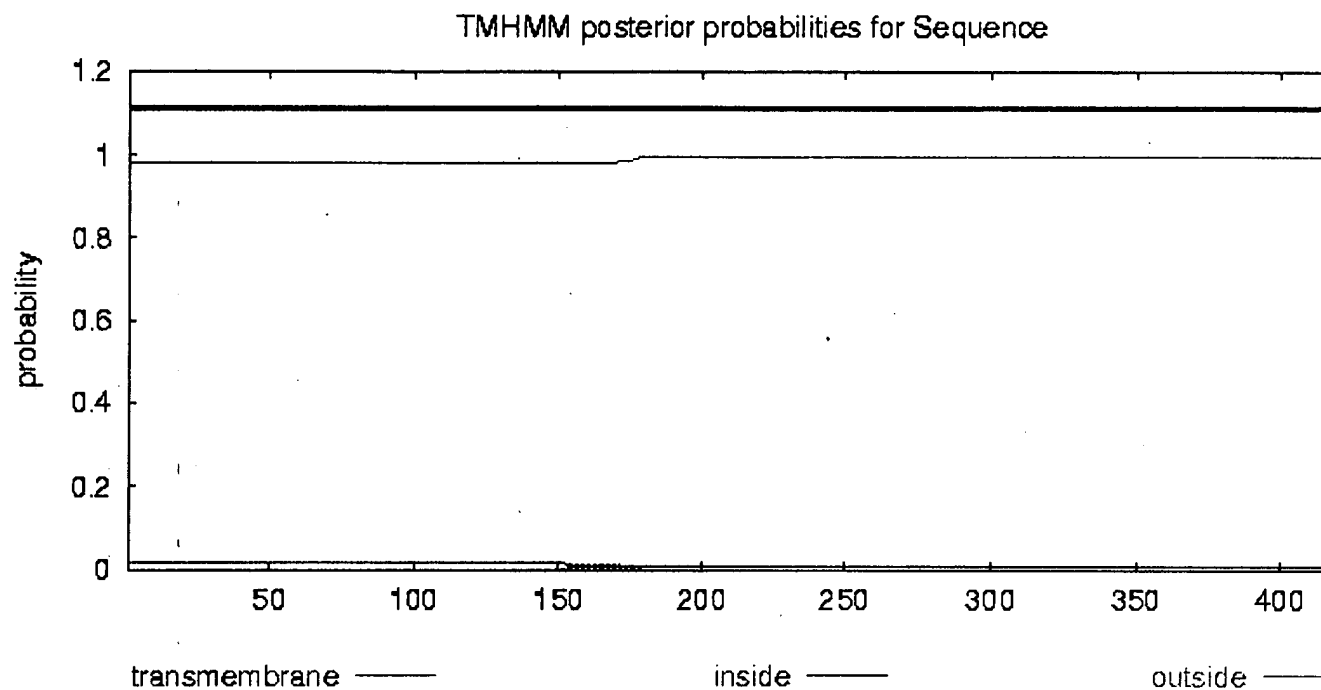
---

**FIG. 20**

## TMHMM result

---

```
# Sequence Length: 433
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.2403
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01691
Sequence      TMHMM2.0      outside      1      433
```



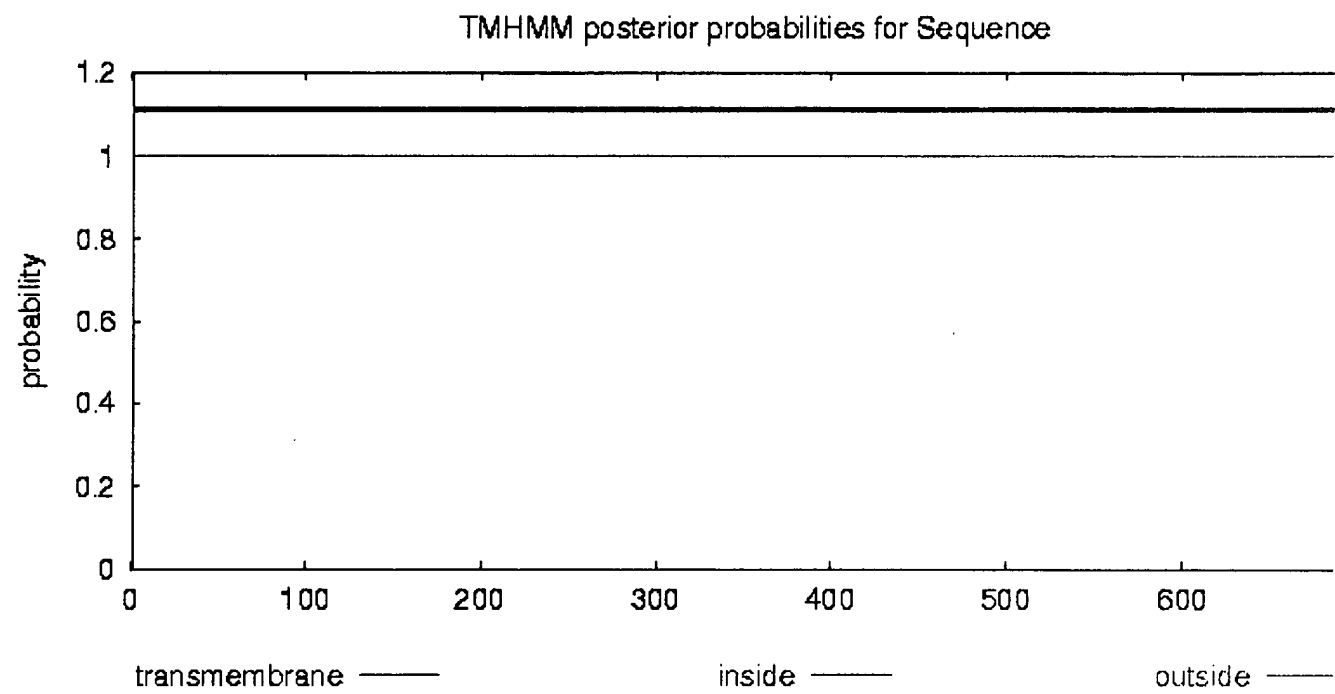
# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

---

**FIG. 21**

# TMHMM result

# Sequence Length: 712  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.00225  
# Sequence Exp number, first 60 AAs: 0  
# Sequence Total prob of N-in: 0.00005  
Sequence TMHMM2.0 outside 1 712



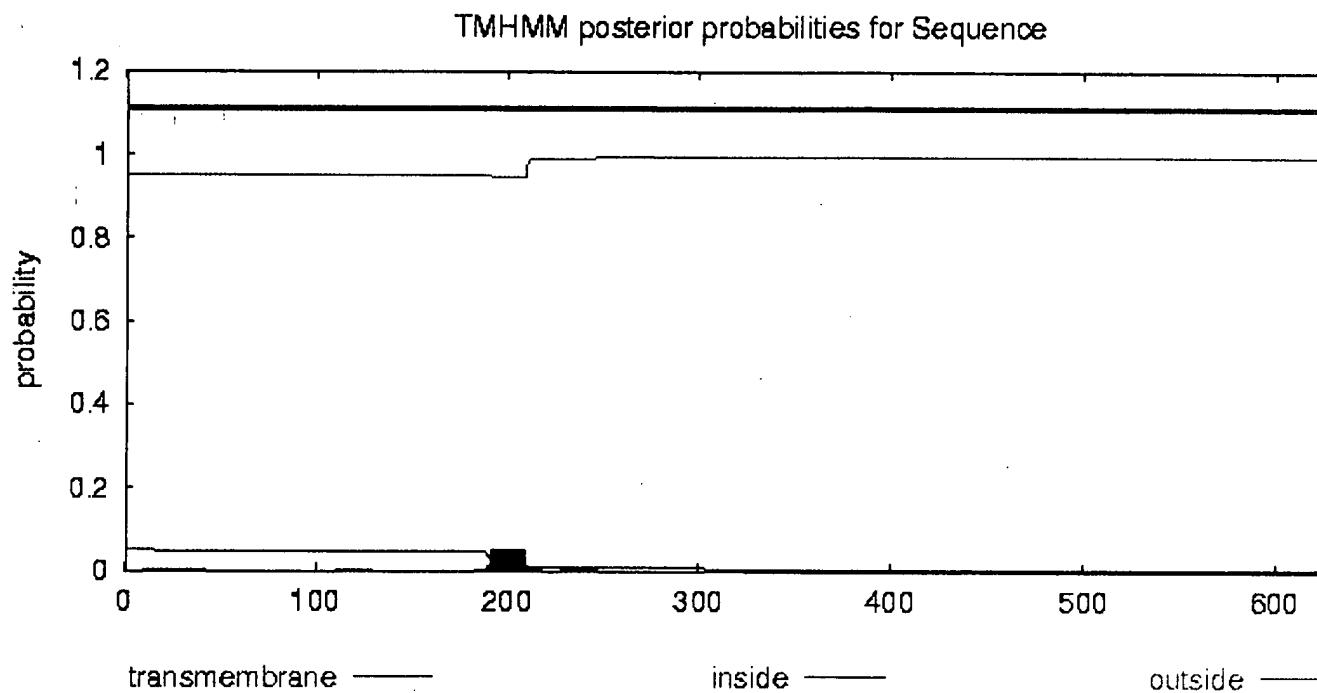
# plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 22

## TMHMM result

---

```
# Sequence Length: 651
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 1.14076
# Sequence Exp number, first 60 AAs: 0.05393
# Sequence Total prob of N-in: 0.04895
Sequence      TMHMM2.0      outside      1      651
```



# [plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

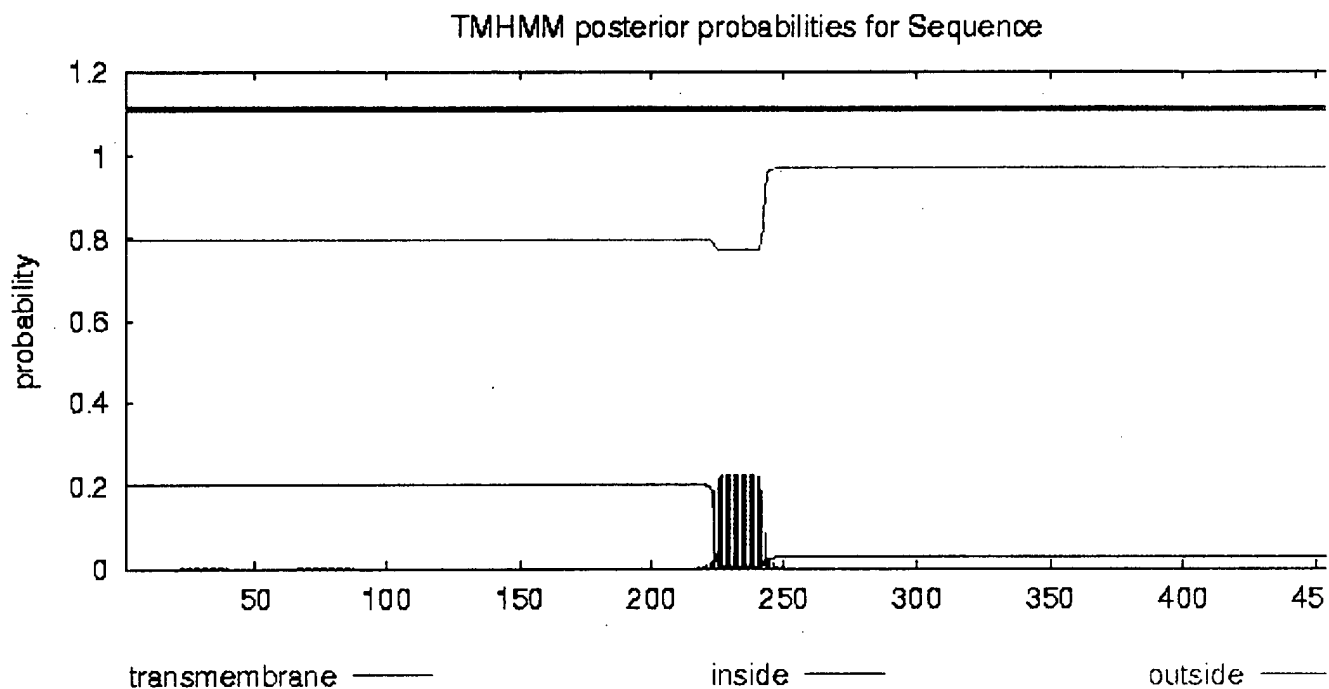
---

**FIG. 23**

## TMHMM result

---

```
# Sequence Length: 471
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 4.34322
# Sequence Exp number, first 60 AAs: 0.00351
# Sequence Total prob of N-in: 0.20302
Sequence      TMHMM2.0      outside      1      471
```



---

```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

---

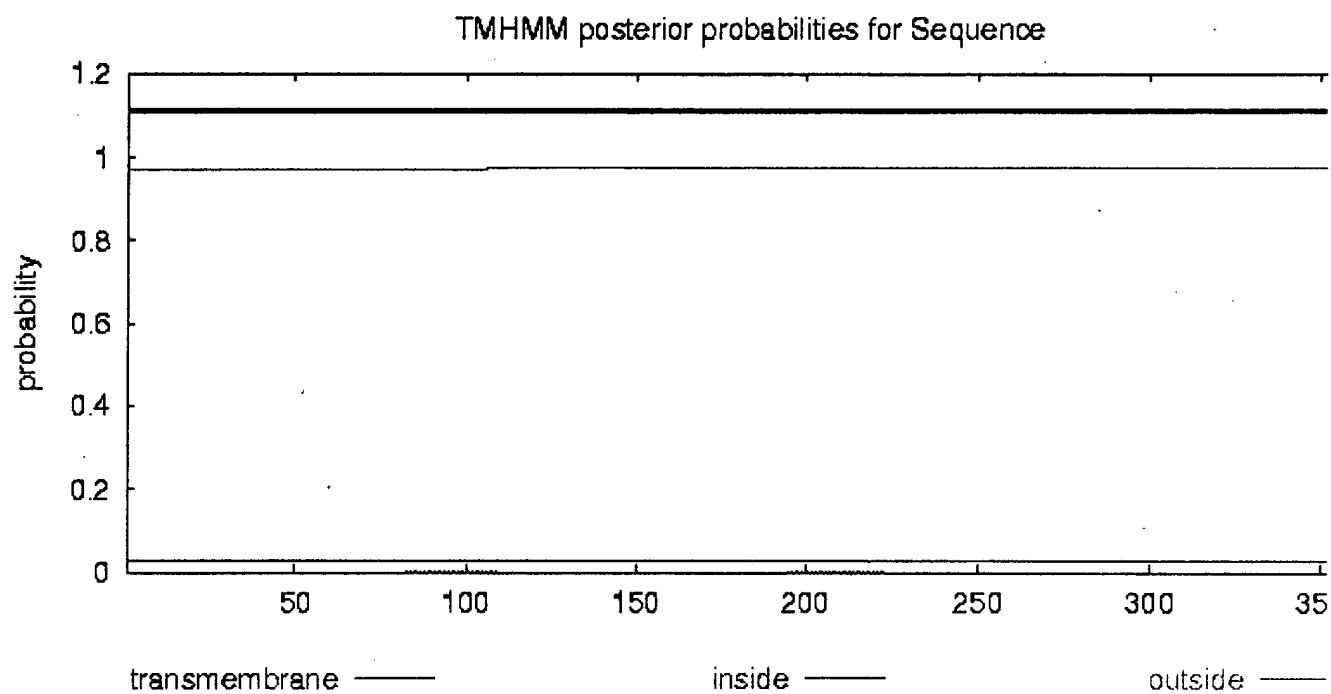
**FIG. 24**



# TMHMM result

---

```
# Sequence Length: 365
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.05231
# Sequence Exp number, first 60 AAs: 0.00232
# Sequence Total prob of N-in: 0.02720
Sequence      TMHMM2.0      outside      1      365
```



# plot in postscript, script for making the plot in gnuplot, data for plot

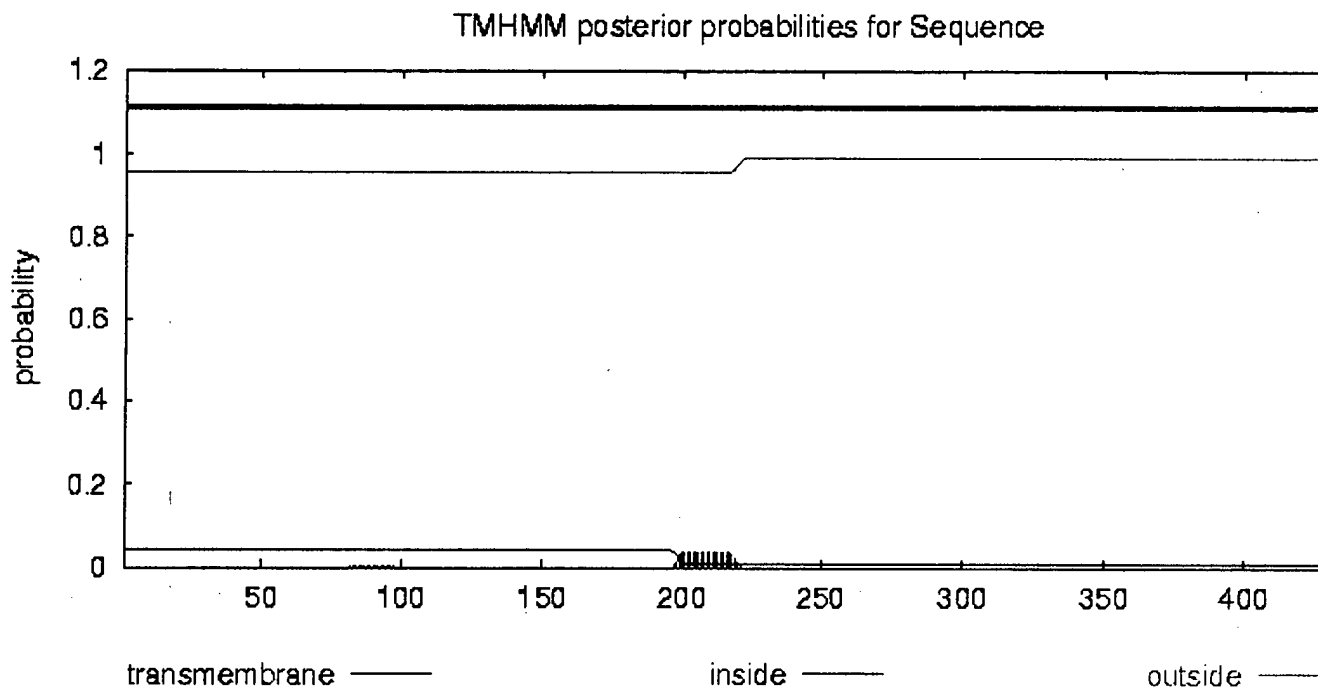
---

**FIG. 25**

## TMHMM result

---

```
# Sequence Length: 445
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.77834
# Sequence Exp number, first 60 AAs: 0.00073
# Sequence Total prob of N-in: 0.04163
Sequence      TMHMM2.0      outside      1      445
```



---

```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

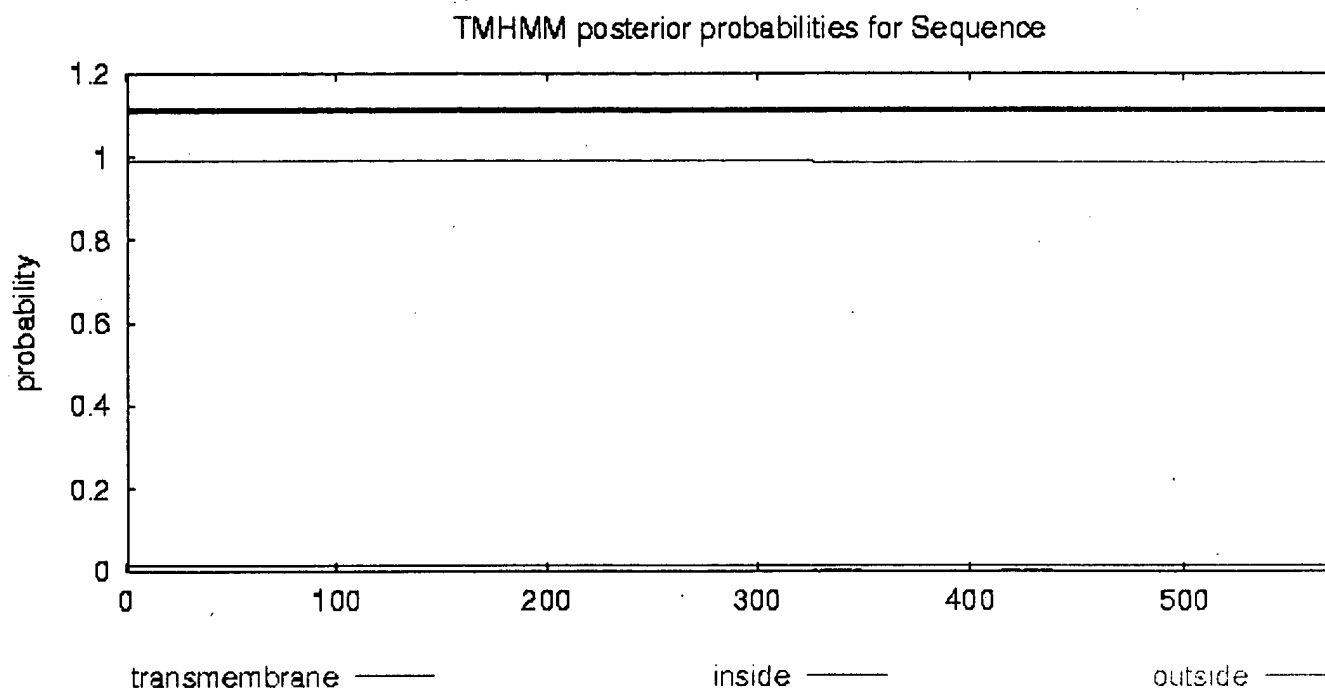
---

**FIG. 26**

# TMHMM result

---

```
# Sequence Length: 591
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.13779
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01130
Sequence      TMHMM2.0      outside      1      591
```



---

```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

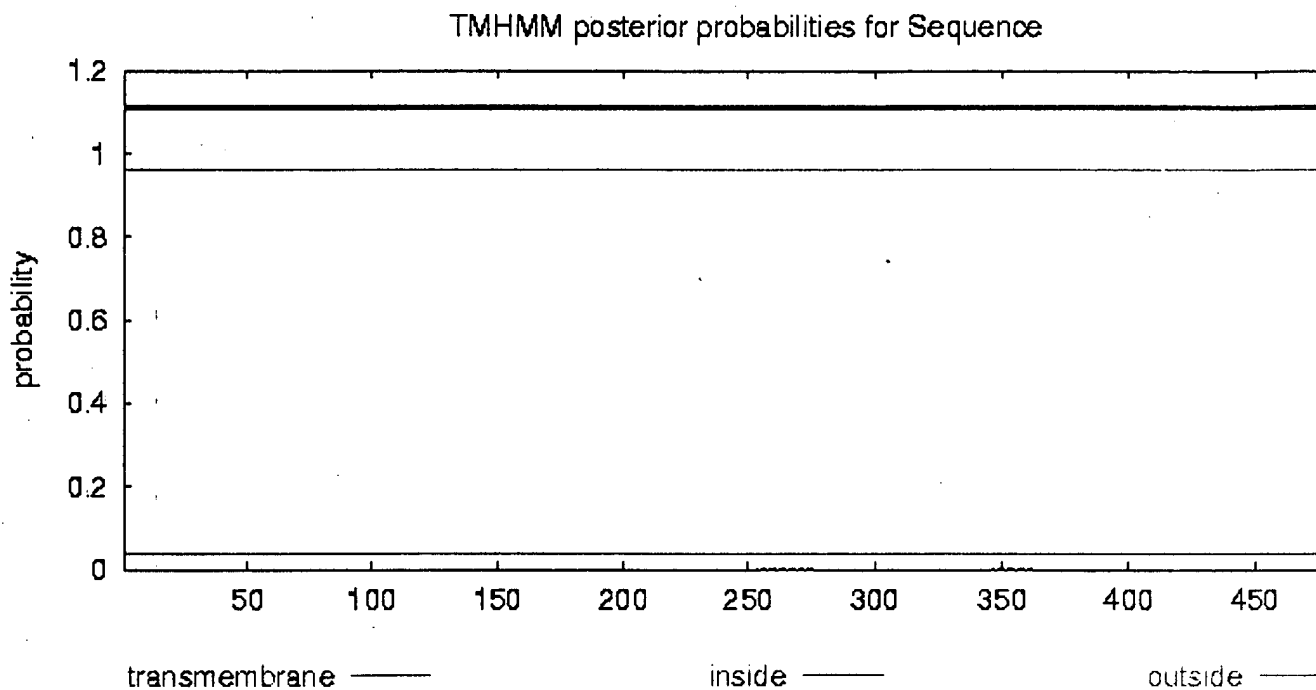
---

**FIG. 27**

# TMHMM result

---

```
# Sequence Length: 496
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01706
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.03793
Sequence      TMHMM2.0      outside      1      496
```



# plot in postscript, script for making the plot in gnuplot, data for plot

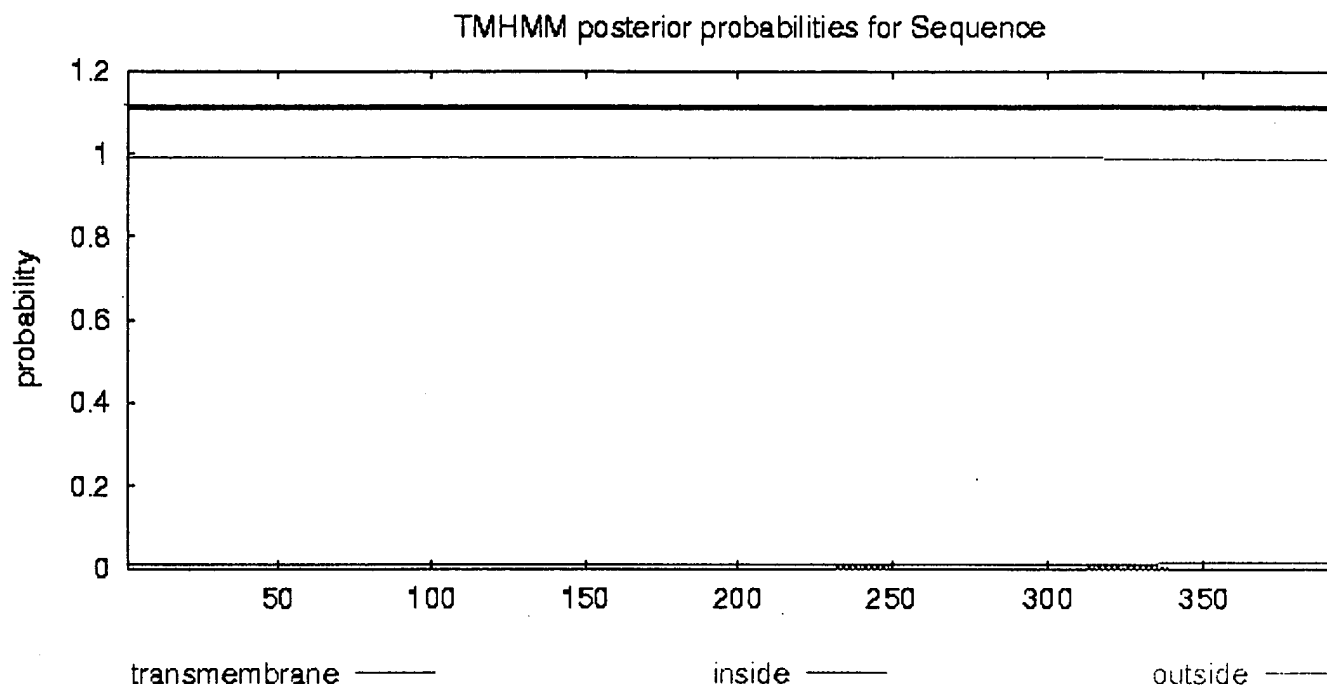
---

**FIG. 28**

# TMHMM result

---

```
# Sequence Length: 406
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.08474
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00877
Sequence      TMHMM2.0      outside      1      406
```



# plot in postscript, script for making the plot in gnuplot, data for plot

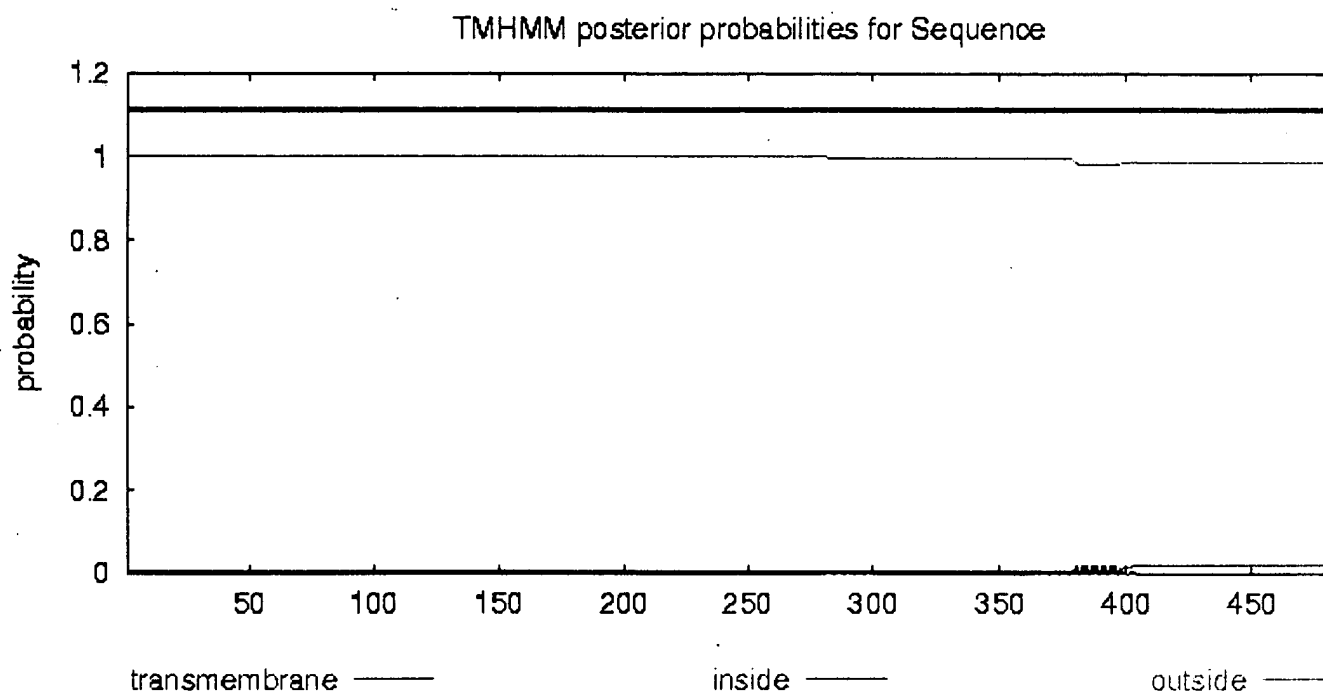
---

**FIG. 29**

# TMHMM result

---

```
# Sequence Length: 499
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.33541
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00211
Sequence      TMHMM2.0      outside      1      499
```



# plot in postscript, script for making the plot in gnuplot, data for plot

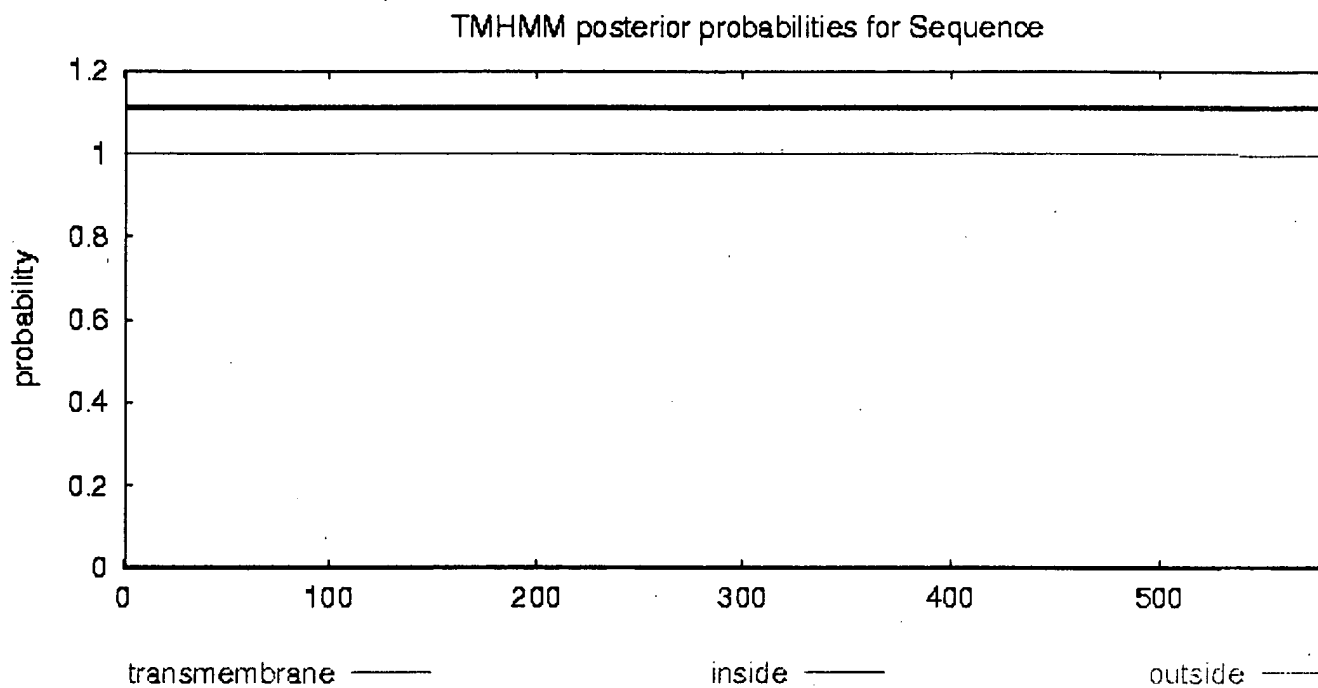
---

**FIG. 30**

# TMHMM result

---

```
# Sequence Length: 603
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.04215
# Sequence Exp number, first 60 AAs: 0.00073
# Sequence Total prob of N-in: 0.00090
Sequence      TMHMM2.0      outside      1      603
```



# plot in postscript, script for making the plot in gnuplot, data for plot

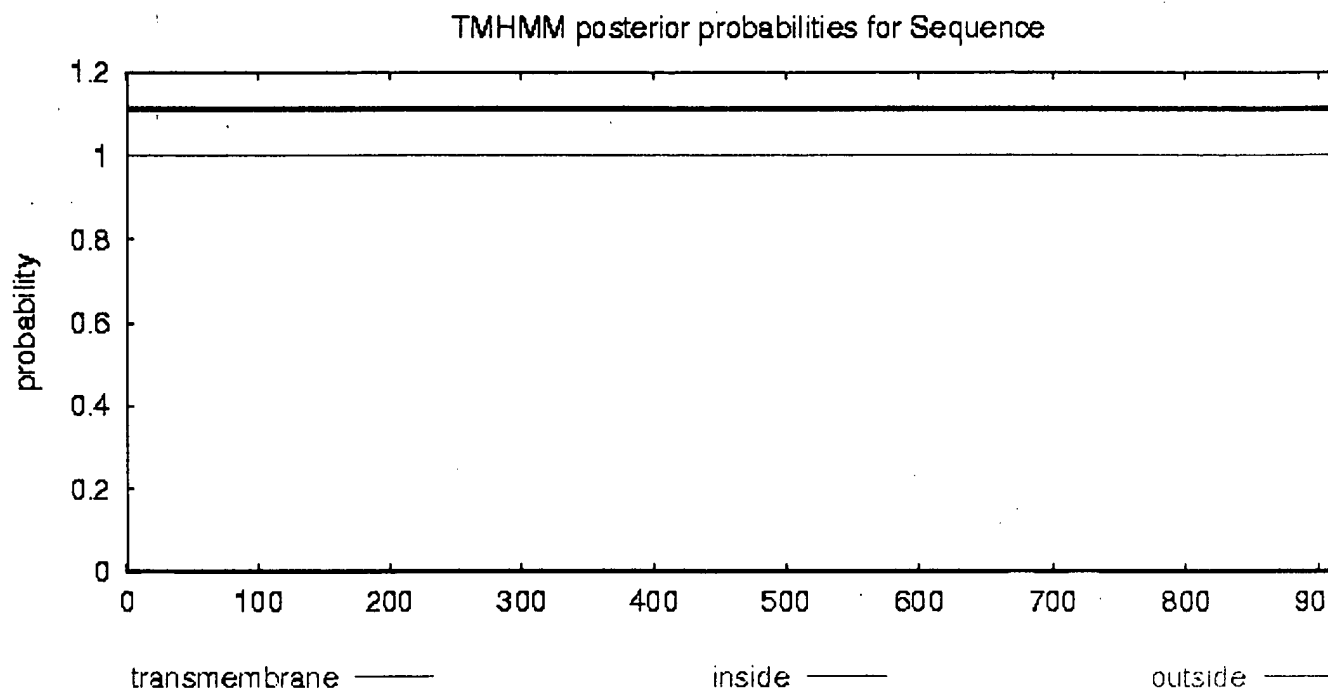
---

**FIG. 31**

# TMHMM result

---

```
# Sequence Length: 942
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.02679
# Sequence Exp number, first 60 AAs: 0.01407
# Sequence Total prob of N-in: 0.00069
Sequence      TMHMM2.0      outside      1      942
```



```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

---

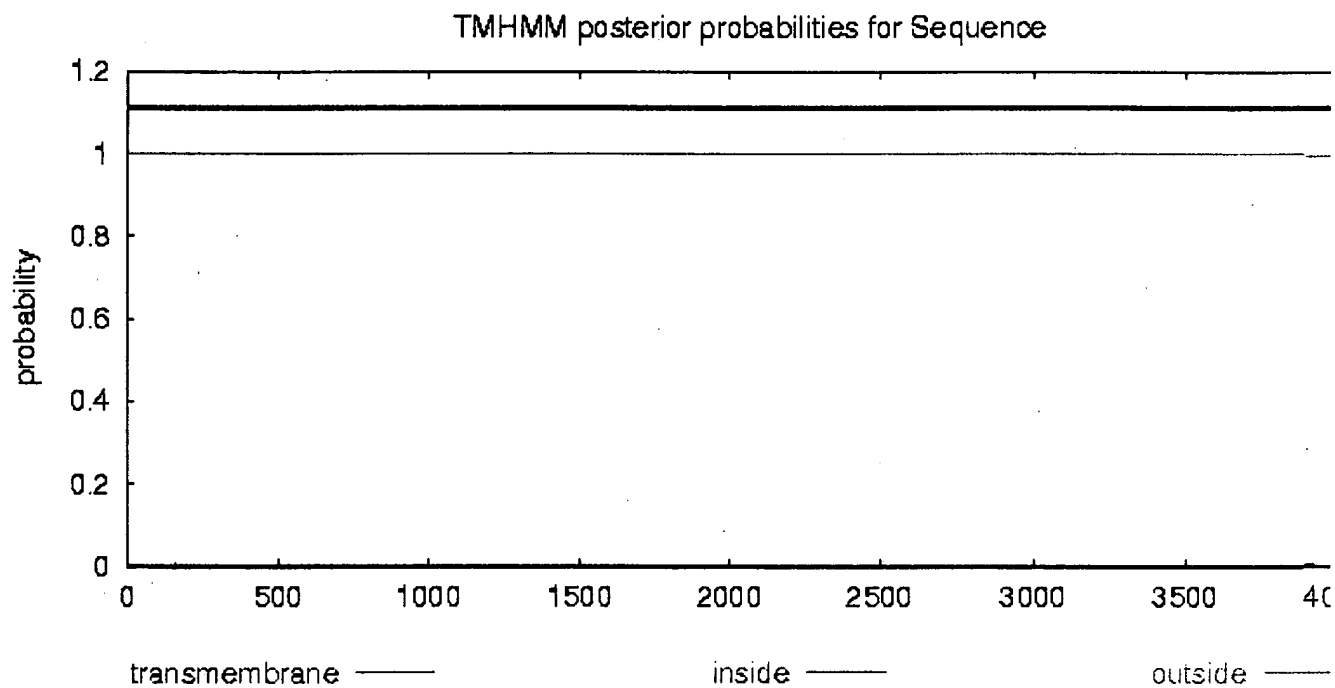
**FIG. 32**



# TMHMM result

---

```
# Sequence Length: 4128
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.28046
# Sequence Exp number, first 60 AAs: 0.0256
# Sequence Total prob of N-in: 0.00147
Sequence      TMHMM2.0      outside      1  4128
```



# plot in postscript, script for making the plot in gnuplot, data for plot

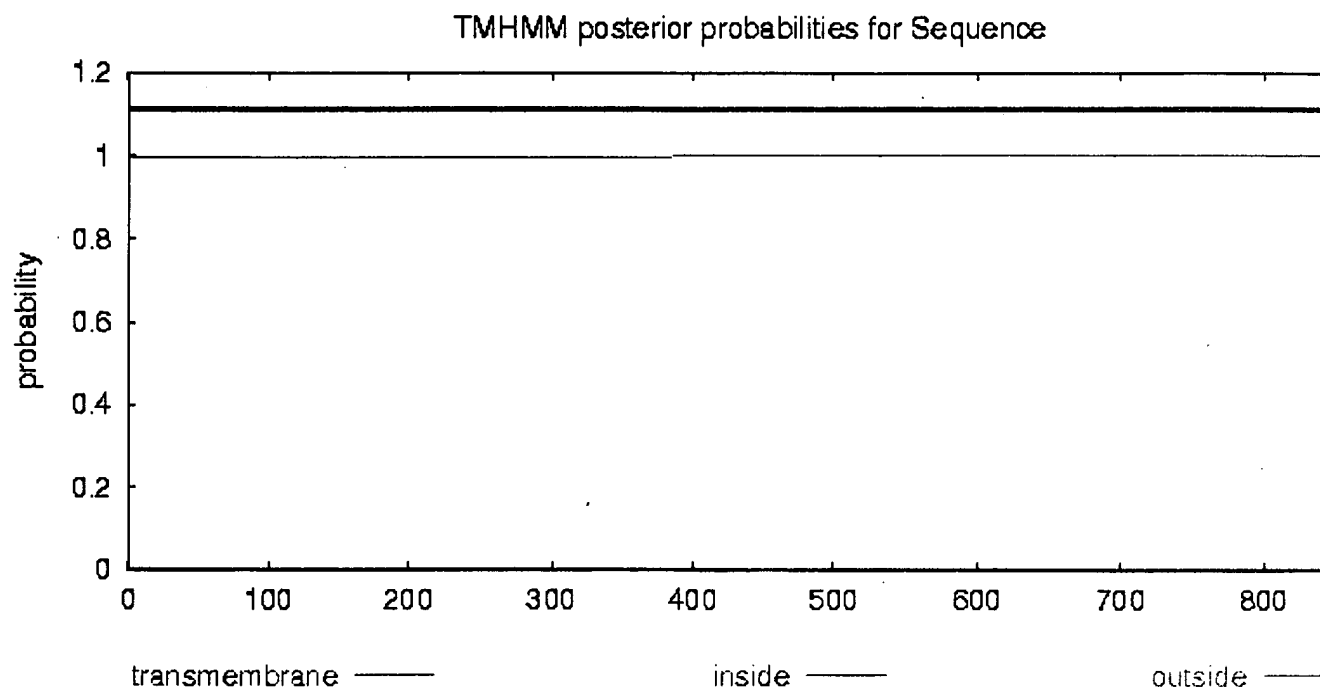
---

**FIG. 33**

# TMHMM result

---

```
# Sequence Length: 879
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.12402
# Sequence Exp number, first 60 AAs: 3e-05
# Sequence Total prob of N-in: 0.00371
Sequence      TMHMM2.0      outside      1      879
```



# plot in postscript, script for making the plot in gnuplot, data for plot

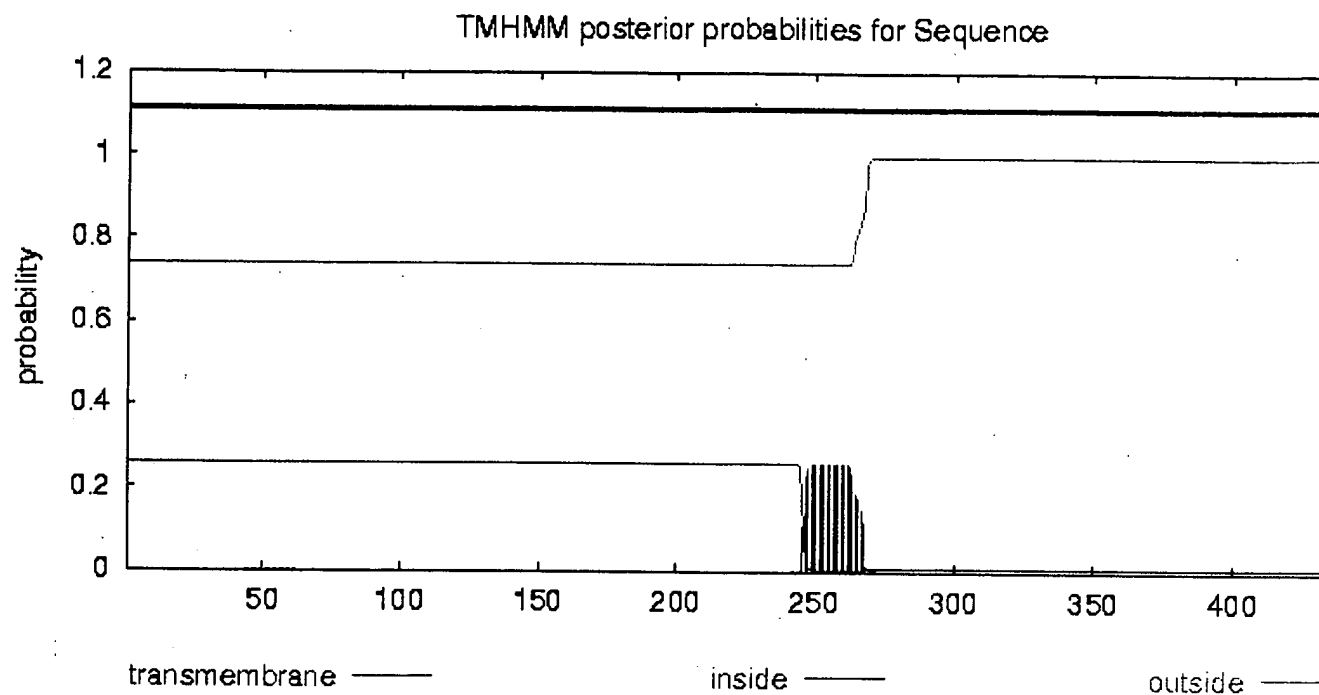
---

**FIG. 34**

# TMHMM result

---

# Sequence Length: 451  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 5.35878  
# Sequence Exp number, first 60 AAs: 0.00342  
# Sequence Total prob of N-in: 0.25935  
Sequence TMHMM2.0 outside 1 451



# plot in postscript, script for making the plot in gnuplot, data for plot

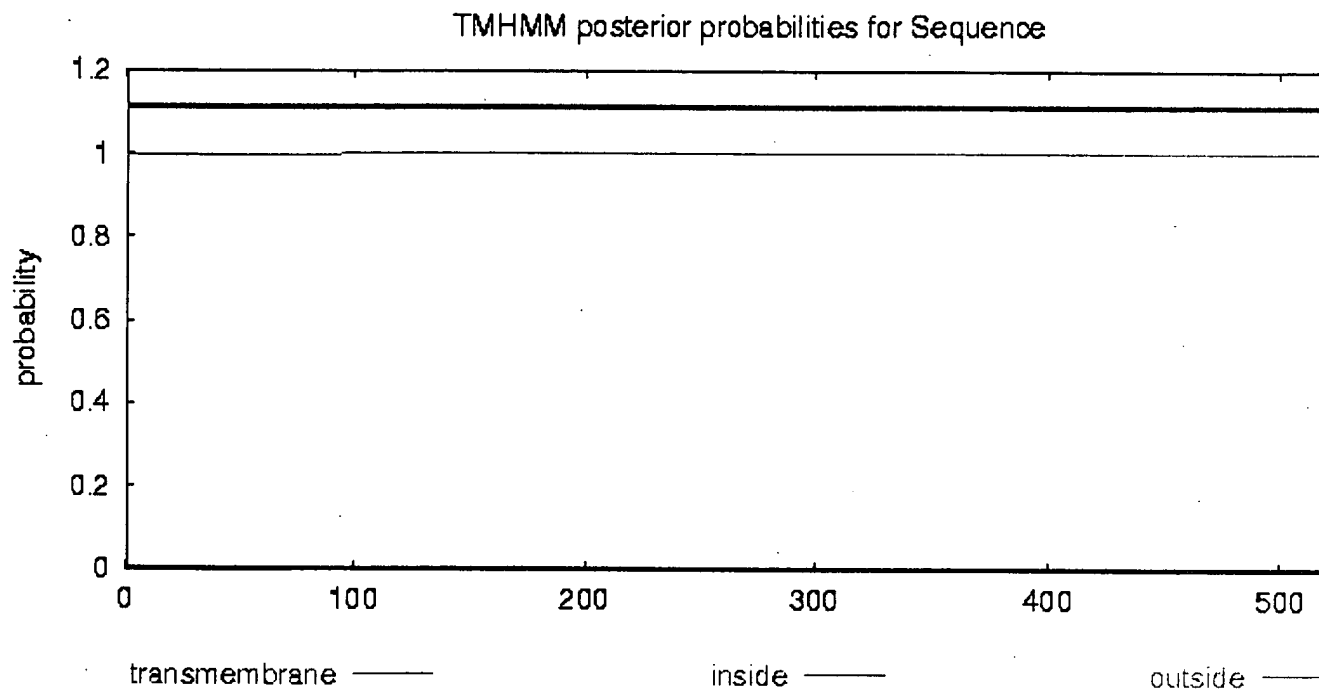
---

**FIG. 35**

# TMHMM result

---

# Sequence Length: 540  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.03206  
# Sequence Exp number, first 60 AAs: 0.00017  
# Sequence Total prob of N-in: 0.00248  
Sequence TMHMM2.0 outside 1 540



# plot in postscript, script for making the plot in gnuplot, data for plot

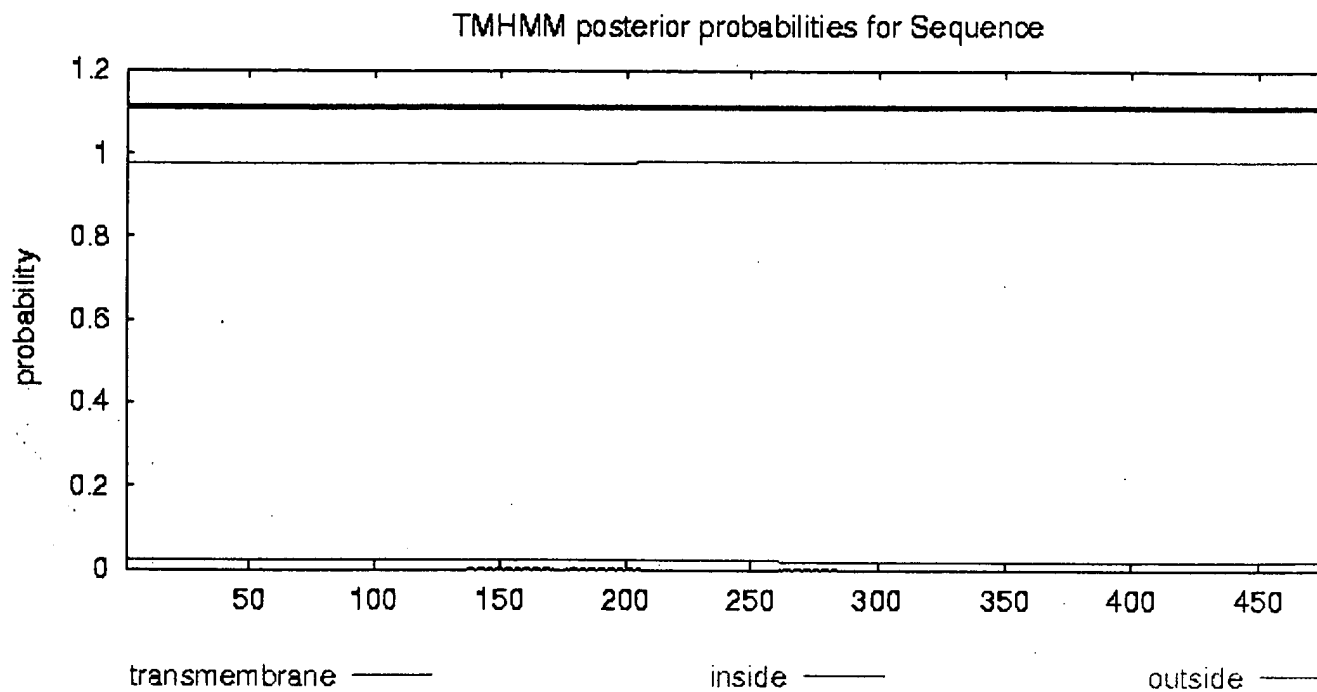
---

**FIG. 36**

# TMHMM result

---

# Sequence Length: 495  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.13163  
# Sequence Exp number, first 60 AAs: 0.00018  
# Sequence Total prob of N-in: 0.02398  
Sequence TMHMM2.0 outside 1 495



# plot in postscript, script for making the plot in gnuplot, data for plot

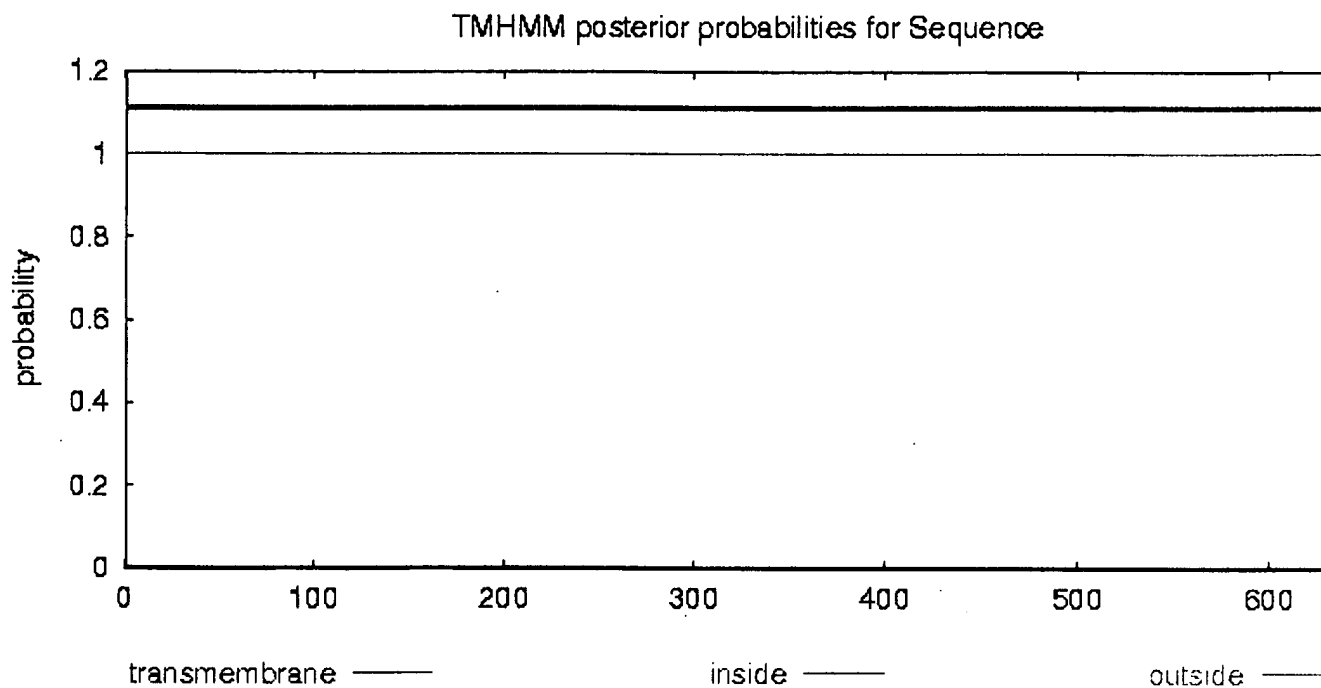
---

**FIG. 37**

# TMHMM result

---

```
# Sequence Length: 654
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.02069
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00141
Sequence      TMHMM2.0      outside      1      654
```



# plot in postscript, script for making the plot in gnuplot, data for plot

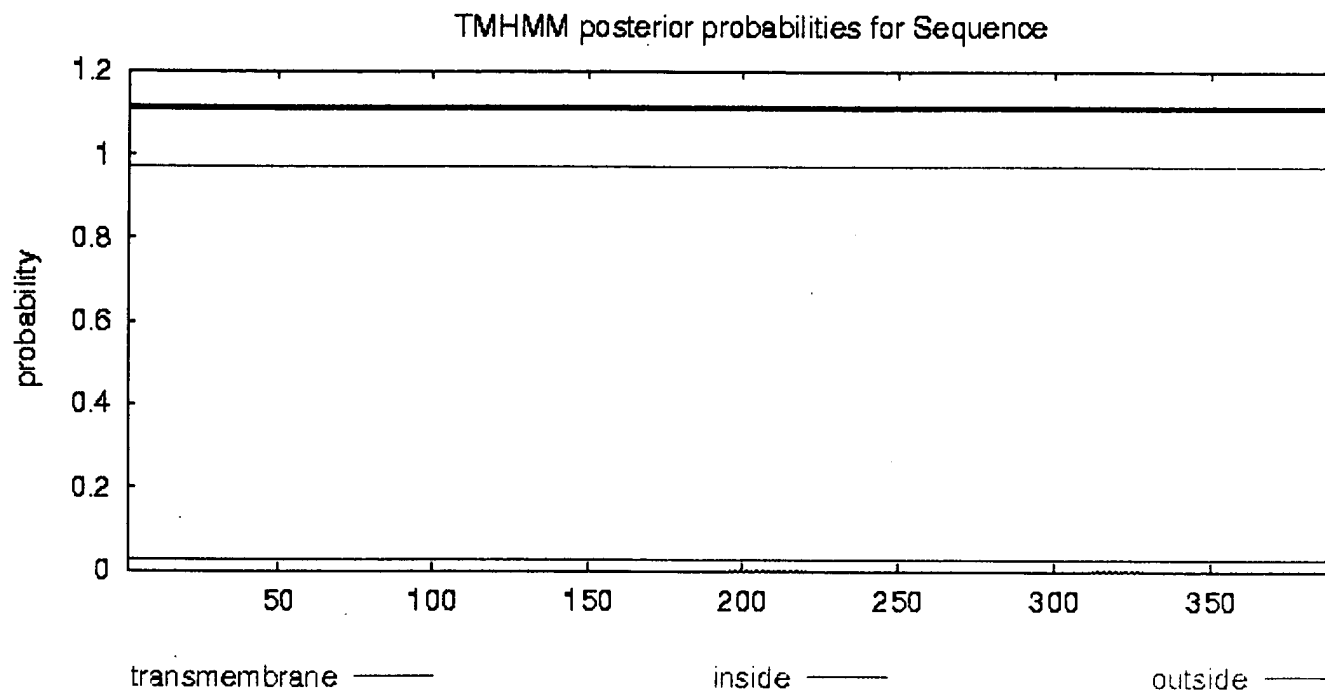
---

**FIG. 38**

# TMHMM result

---

```
# Sequence Length: 403
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01894
# Sequence Exp number, first 60 AAs: 0.00016
# Sequence Total prob of N-in: 0.02901
Sequence      TMHMM2.0      outside      1      403
```



# plot in postscript, script for making the plot in gnuplot, data for plot

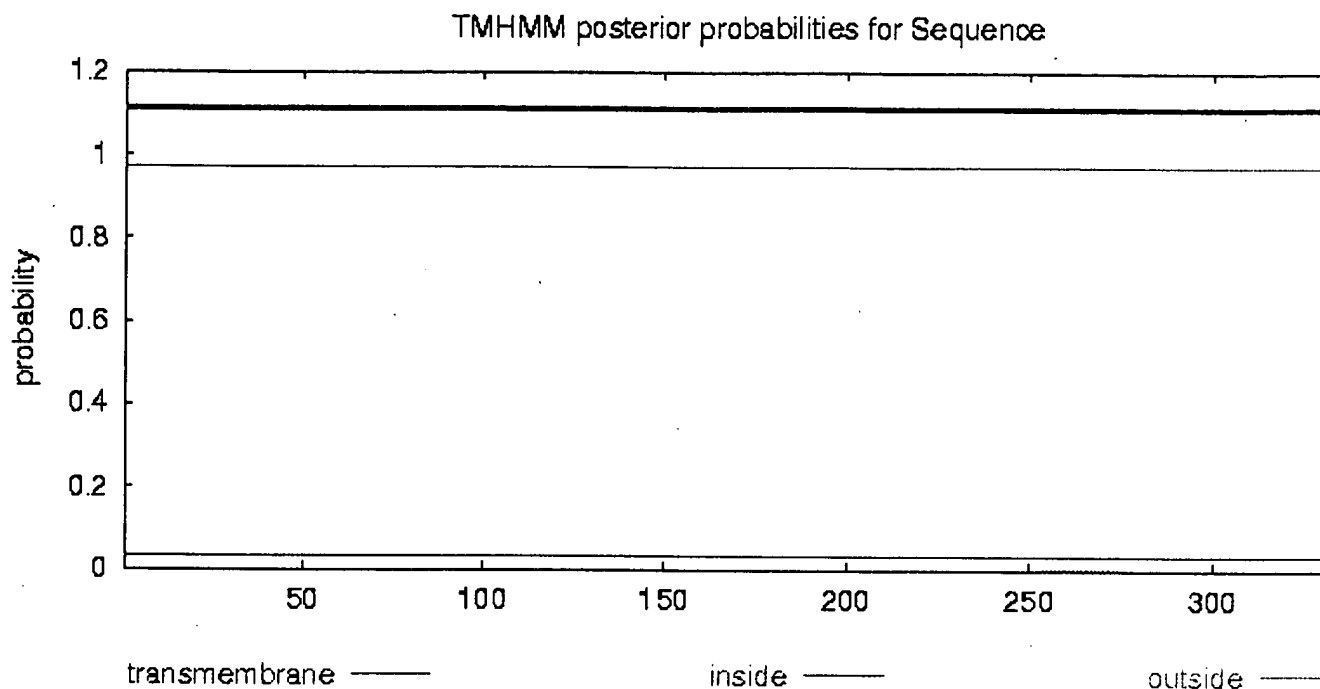
---

**FIG. 39**

# TMHMM result

---

```
# Sequence Length: 344
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00656
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.03051
Sequence      TMHMM2.0      outside      1      344
```



# plot in postscript, script for making the plot in gnuplot, data for plot

---

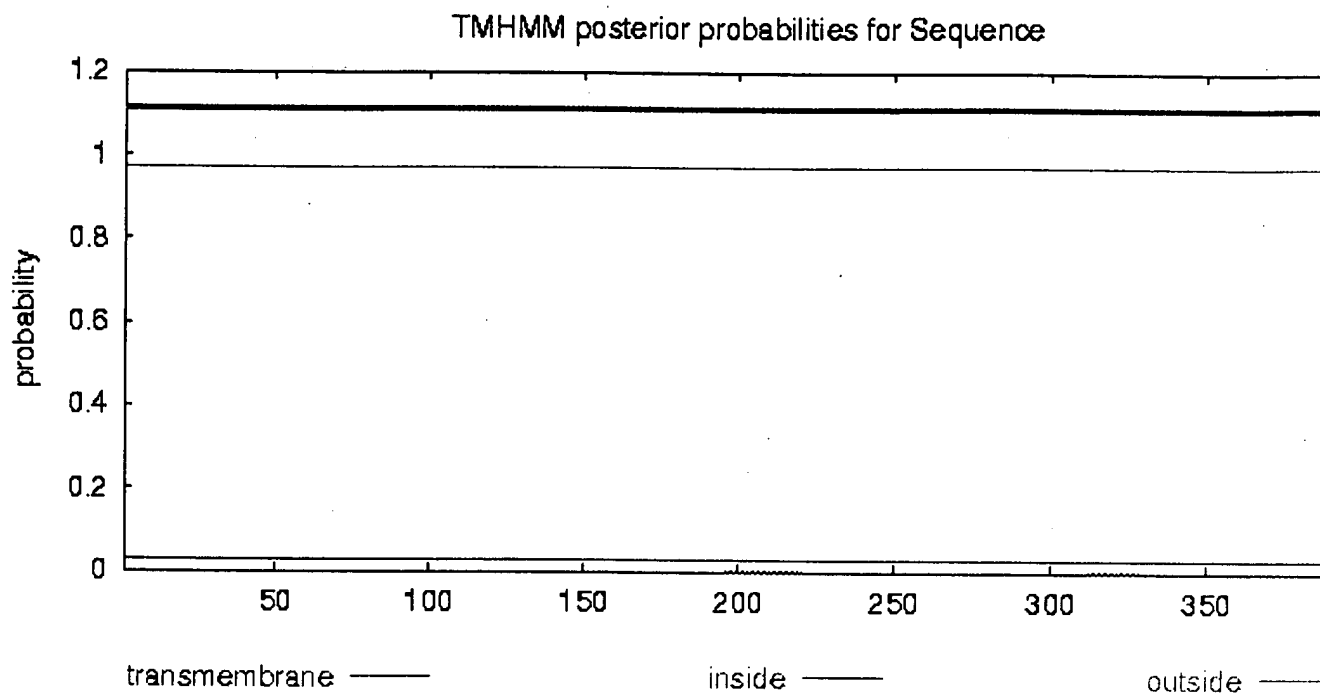
**FIG. 40**



# TMHMM result

---

```
# Sequence Length: 403
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01898
# Sequence Exp number, first 60 AAs: 0.0002
# Sequence Total prob of N-in: 0.02901
Sequence      TMHMM2.0      outside      1      403
```



# plot in postscript, script for making the plot in gnuplot, data for plot

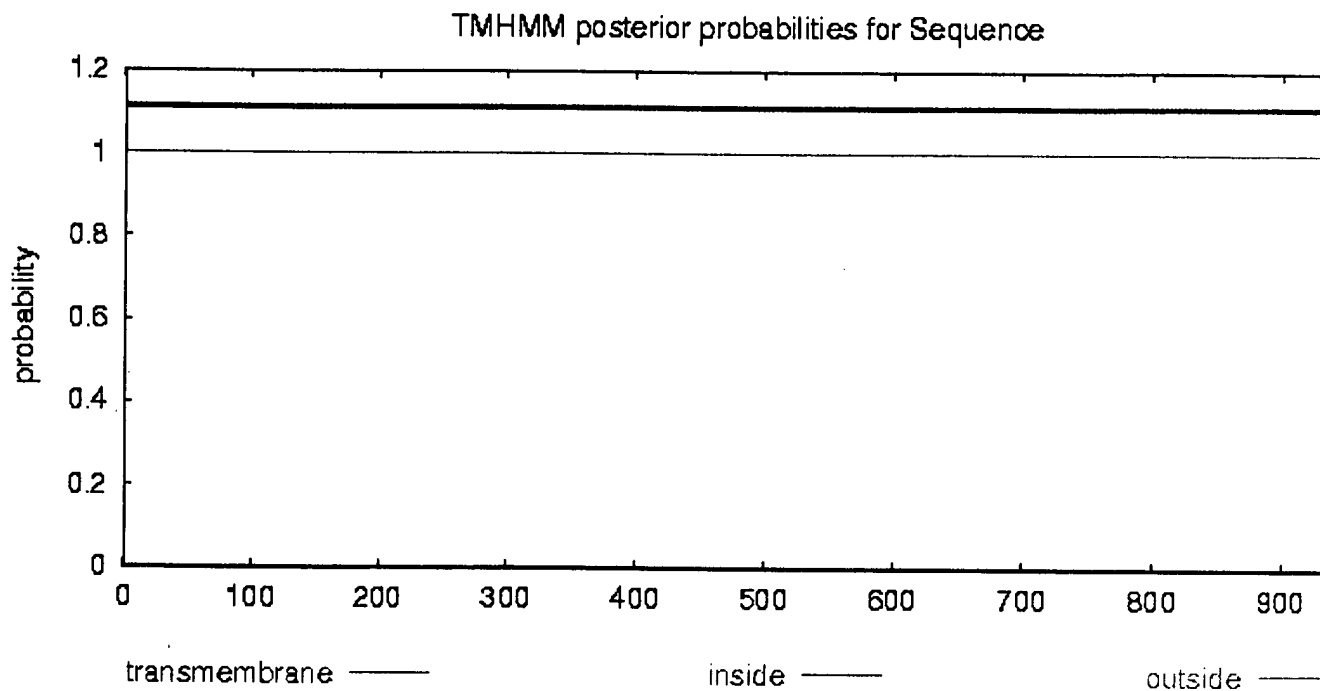
---

**FIG. 41**

# TMHMM result

---

# Sequence Length: 970  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.027  
# Sequence Exp number, first 60 AAs: 0.00569  
# Sequence Total prob of N-in: 0.00135  
Sequence TMHMM2.0 outside 1 970



# plot in postscript, script for making the plot in gnuplot, data for plot

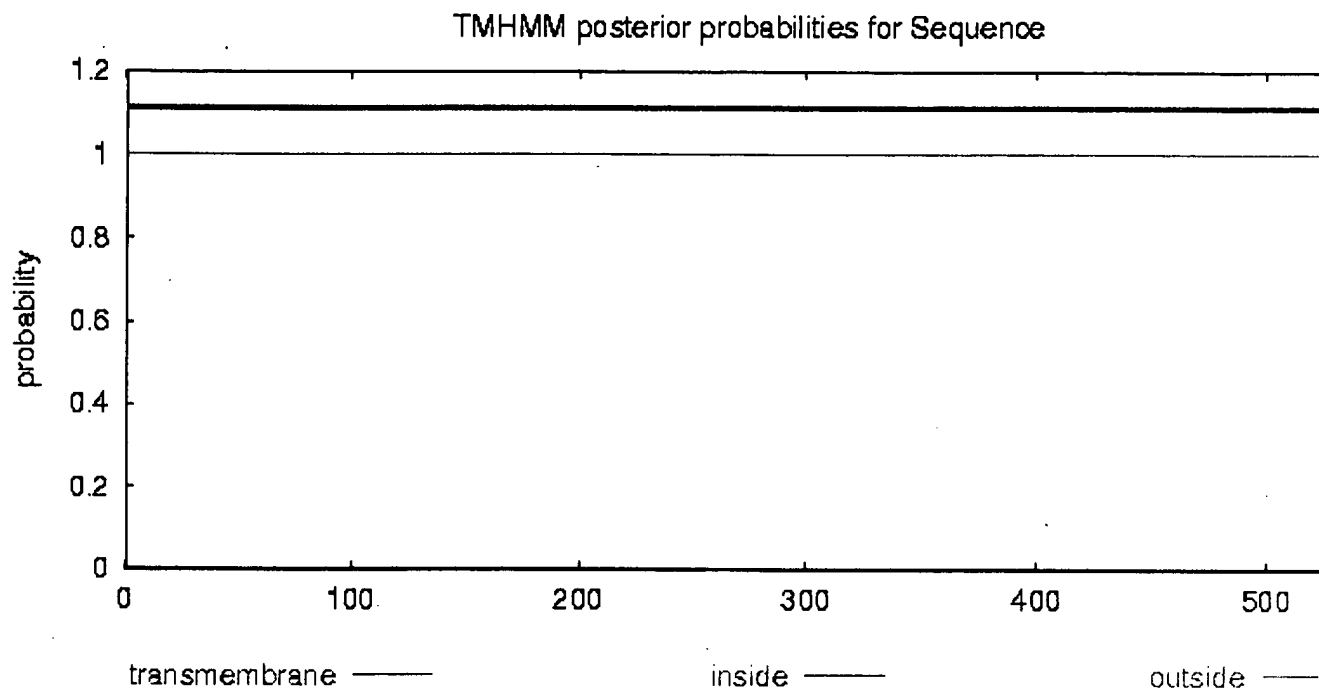
---

**FIG. 42**

# TMHMM result

---

# Sequence Length: 547  
# Sequence Number of predicted TMHs: 0  
# Sequence Exp number of AAs in TMHs: 0.04084  
# Sequence Exp number, first 60 AAs: 0.01807  
# Sequence Total prob of N-in: 0.00177  
Sequence TMHMM2.0 outside 1 547



# plot in postscript, script for making the plot in gnuplot, data for plot

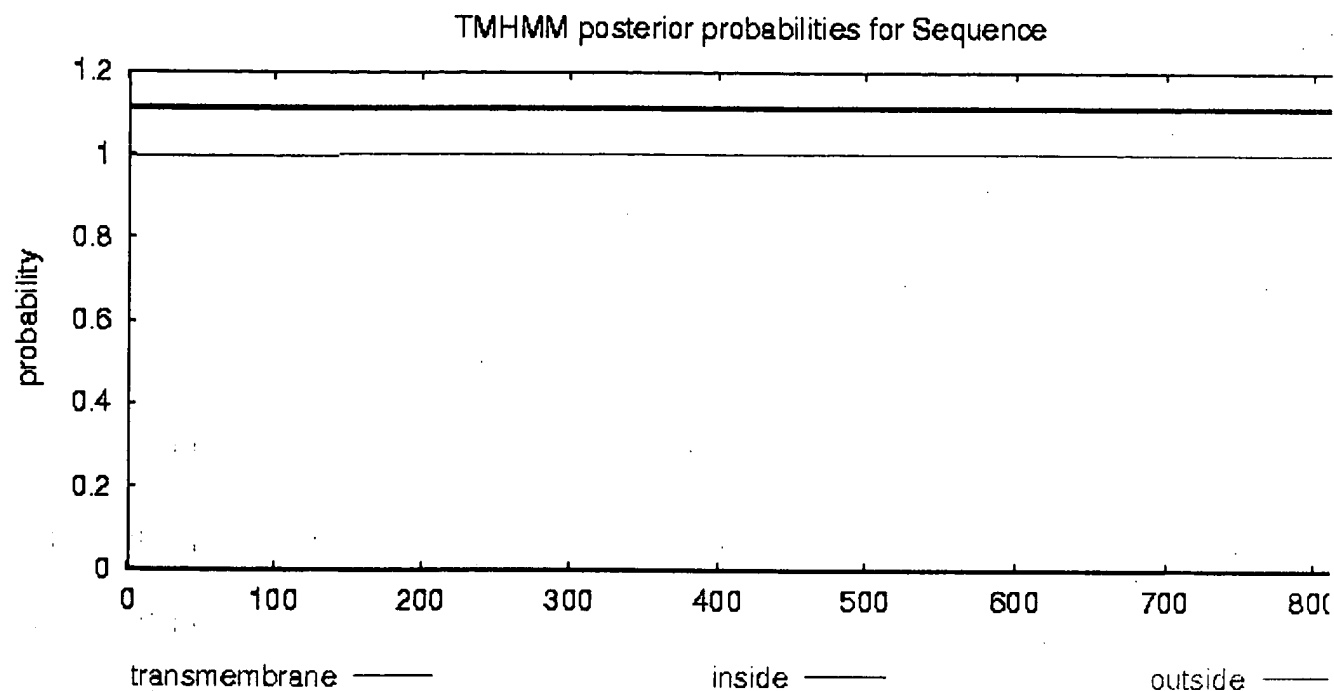
---

**FIG. 43**

# TMHMM result

---

```
# Sequence Length: 841
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.0482
# Sequence Exp number, first 60 AAs: 0.00043
# Sequence Total prob of N-in: 0.00322
Sequence      TMHMM2.0      outside      1      841
```



# plot in postscript, script for making the plot in gnuplot, data for plot

---

**FIG. 44**